S4480-1

# MISSOURI FARM FACTS

Missouri Department of Agriculture

BEST AVAILABLE COPY

# MISSOURI CROP AND LIVESTOCK REPORTING DISTRICTS

BEST AVAILABLE COPY

# MISSOURI
# FARM FACTS

Compiled By

**MISSOURI CROP AND LIVESTOCK REPORTING SERVICE**
Donald M. Bay, State Statistician
Robert P. Bellinghausen, Assistant State Statistician
555 Vandiver Drive
Telephone (314) 442-2271 Ext. 3135
Columbia, Missouri 65205

**MISSOURI DEPARTMENT OF AGRICULTURE**
Jack Runyan, Director
P.O. Box 630
Jefferson City, Missouri 65102

**U.S. DEPARTMENT OF AGRICULTURE**
Economics, Statistics, and Cooperatives Service
Kenneth R. Farrell, Administrator
William E. Kibler, Deputy Administrator for Statistics
Washington, D.C. 20250

May 1980

# CONTENTS

## GENERAL


Missouri's rank in agricultural items . . . . . .3
Monthly climatological data . . . . . .4


## FIELD CROPS, FRUITS AND VEGETABLES


Crop summary . . . . . .5
Field crops
- Acreage, yield production & value . . . . . 6-8
- Production, farm use, sales & value . . . . . 9-10
- Irrigated crop acreage . . . . . .10
- Monthly crop marketing percents . . . . . .11
- Pesticide use on major crops . . . . . .11
- Missouri crop records . . . . . .12
- Grain and hay stocks . . . . . 13-14
- Commercial fertilizer consumption . . . . . .15

Soybeans
- Row widths . . . . . .16
- Soybean varieties, 1979 crop . . . . . .16
- Acres harvested, yield, production & value, by counties, 1978-79 . . . . . 17-18

Corn
- Silage production, by districts . . . . . .19
- Row widths . . . . . .19
- Acres harvested, yield, production & value, by counties, 1978-79 . . . . . 20-21

Wheat
- Wheat varieties, 1980 crop . . . . . .22
- Acres harvested, yield, production & value, by counties, 1978-79 . . . . . 23-24

Grain Sorghum
- Acres harvested, yield, production & value, by counties, 1978-79 . . . . . 25-26

Cotton
- Acres planted and harvested, yield & production, by counties, 1978-79 . . . . . .27

Tobacco
- Acres harvested, yield & production, by counties, 1978-79 . . . . . .27

Rice
- Acres harvested, yield & production, by counties, 1978-79 . . . . . .28

All Hay
- Acres harvested, yield & production, by counties, 1978-79 . . . . . 29-30

Seed crops
- Acres harvested, yield, production & value . . . . . .31

Fruit
- Apples, peaches & grapes, production & value . . . . . .32
- Apple production by varieties . . . . . .32
- Watermelons, acres harvested, yield, production & value . . . . . .32


## LIVESTOCK, DAIRY AND POULTRY


Livestock summary . . . . . .33
All livestock
- Livestock inventory & value . . . . . .34
- Number of livestock farms by species . . . . .34
- Livestock slaughter establishments . . . . . .34
- Livestock slaughter . . . . . 35-36

Cattle
- Inventory by class . . . . . .37
- Calf crop & disposition . . . . . .37
- Production and income . . . . . .37
- Cattle farms, by size groups . . . . . .37
- Number of cattle feedlots and fed cattle marketed . . . . . .38
- Cattle and calves on feed . . . . . .38
- Cattle, beef cow and milk cow inventory, by county, 1979-80 . . . . . 39-41

Hogs
- Hog inventory, by counties 1978-79 . . . . . .42
- Hog farms, by size groups . . . . . .43
- Hogs and pigs on farms . . . . . .44
- Inventory, pig crop & disposition . . . . . .44
- Spring & fall pig crops, sows farrowed . . . . .45
- Feeder pig outshipments . . . . . .45
- Production & income . . . . . .46

Sheep
- Number & value . . . . . .46
- Production & income . . . . . .46
- Wool, production & value . . . . . .46

Milk and dairy products
- Milk cows & milk production . . . . . .47
- Dairy farms, by size groups . . . . . .47
- Manufactured dairy products . . . . . .48
- Sales & income from milk . . . . . .48

Poultry
- Chickens, number by classes . . . . . .48
- Chickens & turkeys raised . . . . . .49
- Broilers, turkeys, chickens & eggs, production disposition & income . . . . . .49
- Layer numbers & egg production . . . . . .50
- Egg type chicks, number hatched . . . . . .50

Honey and beeswax production . . . . . .51


## FARM INCOME, PRICES & MISCELLANEOUS


Farm income summary . . . . . .52
Income & prices
- Cash receipts by commodities . . . . . .53
- Farm income & expenses . . . . . .54
- Prices received, season average & mid-month . . . . . 55-57
- Balance sheet of Missouri's farming sector . . . . . .58

Farm real estate
- Farm numbers, land in farms . . . . . .58
- Real estate value & taxes . . . . . .59
- Cropland & pasture rents . . . . . .59
- Farm real estate debts & transfers . . . . . .59

Miscellaneous
- Prices paid for feed, fuel & feeder pigs . . . .60
- Export values of agricultural commodities . . . . . .60
- Farm labor & wage rates . . . . . 60-61
- Rise in Missouri farmland values, by district . . . . . .61
- Request form for other reports . . . . . .62

EXECUTIVE OFFICE
STATE OF MISSOURI
JEFFERSON CITY

JOSEPH P. TEASDALE
GOVERNOR

*As Governor of Missouri, I am pleased to present the 1980 edition of Missouri Farm Facts. This year's publication highlights soybeans, which became Missouri's first billion dollar crop, achieving that record in both 1978 and 1979. The beans pictured on the cover are part of the State's most important crop – – a crop that 40 years ago was only a minor source of hay.*

*Farming and agribusiness are Missouri's biggest industries, and soybeans are an important part of this vast industry. They are a major source of oil and high protein meal for both human and animal consumption, and are significant in maintaining a favorable balance of trade with other countries. In fact, last year Missouri exported a record 632 million dollars worth of soybeans and soybean products.*

*The growth of soybean production is a truly outstanding achievement, of which Missouri farmers can be proud. Throughout the years, the farmers' progress has been measured and recorded by the Missouri Crop and Livestock Reporting Service in bulletins such as this one. The 1980 Farm Facts is dedicated to them, in the hope that the information included will aid their progress in the future.*

Joseph P Teasdale

JOSEPH P. TEASDALE
GOVERNOR OF MISSOURI

DEPARTMENT OF AGRICULTURE
STATE OF MISSOURI
P.O. Box 630
JEFFERSON CITY 65102

JOSEPH P. TEASDALE
GOVERNOR

JACK RUNYAN
DIRECTOR

*The 1980 Missouri Farm Facts marks the 62nd year that agricultural data has been collected and published in our State. The cooperative efforts of the Missouri Department of Agriculture and the U.S. Department of Agriculture provide an outstanding example of agencies working together toward maximum results at minimum cost.*

*In keeping with our goal of providing as much information on Missouri agriculture as possible, the 1980 Farm Facts contains several new items. These include irrigated crop acreages on page 10; pesticide use on major crops on page 11; hay stocks in the State on page 14; the number of livestock slaughter establishments on page 34; and the number of cattle, hog and dairy farms by size group on pages 37, 43 and 47.*

*Information in this bulletin was made possible by the voluntary cooperation of thousands of Missouri farmers. It was at their request that crop reporting was begun over a hundred years ago, and it is in their behalf that it is continued today.*

*The Missouri Crop and Livestock Reporting Service is responsible for collecting and summarizing the data that appears on these pages. Heather C. Smith was this year's editor. The photo on page 33 was provided by Duane Dailey, UMC.*

JACK RUNYAN
DIRECTOR OF AGRICULTURE

Jack Runyan

## MISSOURI'S RANK NATIONALLY IN SELECTED AGRICULTURAL ITEMS, 1978-80

| Item | Percent of U.S. Total | Rank |
|---|---|---|
| Tall fescue seed, production | .72 | First |
| Lespedeza seed, production | .29 | First |
| Corn for forage, acreage harvested | .10 | First |
| All cows, number on farms | .5 | Second |
| Calves born, number | .6 | Second |
| Cattle farms, number | .6 | Second |
| Timothy seed, production | .7 | Second |
| Beef cows, number on farms | .6 | Second |
| Other hay, production | .8 | Second |
| All farms, number | .5 | Third |
| Hog farms, number | .6 | Third |
| Orchardgrass seed, production | .6 | Third |
| Soybean production | .8 | Third |
| Soybean exports | .8 | Third |
| Red clover seed, production | .8 | Fourth |
| Breeding hogs, number on farms | .8 | Fourth |
| Pig crop, number saved | .8 | Fourth |
| Sorghum grain, production | .7 | Fourth |
| All hogs, number on farms | .7 | Fifth |
| Market hogs, number on farms | .7 | Fifth |
| All cattle and calves, number on farms | .5 | Fifth |
| Turkeys raised, number | .7 | Fifth |
| White corn, production | .10 | Fifth |
| Meat exports | .5 | Sixth |
| Rice, production | .1 | Sixth |
| Livestock slaughtering establishments, number | .5 | Sixth |
| Winter wheat, production | .4 | Sixth |
| American cheese, production | .2 | Sixth |
| Sorghum forage, acreage harvested | .3 | Sixth |
| Farm workers, number | .4 | Seventh |
| Milk cow farms, number | .4 | Seventh |
| Cattle feedlots | .6 | Seventh |
| All hay, production | .4 | Eighth |
| Whole milk used in manufactured dairy products | .3 | Eighth |
| All livestock and livestock products, cash receipts from sales | .4 | Eighth |
| Corn for grain, production | .3 | Ninth |
| Popcorn, production | .2 | Ninth |
| Land and buildings, value | .4 | Ninth |
| All farm products, cash receipts from sales | .3 | Ninth |
| Harvested acres of principal crops | .4 | Ninth |
| Honey production | .3 | Ninth |
| Ice milk, production | .3 | Tenth |
| Sorghum silage, production | .3 | Tenth |
| Farm exports, total | .4 | Tenth |
| Feed grain exports | .2 | Tenth |
| Milk cows, number on farms | .3 | Tenth |
| Creamed cottage cheese, production | .3 | Tenth |
| Total cheese, production, excluding cottage cheese | .2 | Tenth |
| Total value of principal crops | .3 | Tenth |
| Cotton for lint, production | .1 | Tenth |
| Cottonseed, production | .1 | Tenth |
| Grapes, production | -- | Tenth |

## CLIMATOLOGICAL DATA: PRECIPITATION, SNOWFALL AND AVERAGE TEMPERATURES, SELECTED WESTHER STATIONS BY MONTHS, MISSOURI, 1979

| Weather Station | -Precipitation (inches of water)- | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Clinton | 3.29 | .92 | 2.13 | 3.00 | 4.07 | 7.38 | 3.62 | 1.87 | 3.62 | 4.42 | 4.10 | 1.16 |
| Columbia 1/ | 2.43 | 1.40 | 2.94 | 5.06 | 3.30 | 2.69 | 2.97 | 2.80 | .45 | 4.40 | 2.26 | 1.36 |
| Dexter | 3.85 | 6.25 | 7.41 | 8.06 | 7.26 | 1.41 | 9.66 | 1.58 | 2.69 | 1.44 | 6.09 | 4.01 |
| Farmington | 2.77 | 2.33 | 6.78 | 7.24 | 3.67 | 1.75 | 8.99 | 5.53 | .71 | 1.77 | 1.30 | 2.49 |
| Hannibal | 4.01 | 1.53 | 3.72 | 5.07 | 2.33 | 2.46 | 5.75 | 3.27 | .43 | 2.36 | 3.09 | 1.40 |
| Kansas City 1/ | 2.35 | .78 | 2.96 | 2.35 | 3.00 | 5.37 | 4.68 | 3.66 | 1.16 | 3.56 | 1.83 | .05 |
| Kirksville 2/ | 1.17 | .34 | 4.09 | 3.34 | 3.20 | 4.02 | 5.31 | 2.72 | .25 | 2.80 | 2.64 | .80 |
| St. Louis 1/ | 1.95 | 1.48 | 3.63 | 7.47 | 1.62 | 1.67 | 3.67 | 2.26 | T | 1.81 | 2.07 | 1.85 |
| Springfield 1/ | 2.35 | 1.66 | 2.85 | 7.19 | 7.42 | 8.49 | 5.54 | 3.61 | 2.06 | 3.26 | 3.16 | 1.35 |
| Trenton | 2.09 | .55 | 3.01 | 1.84 | 2.83 | 2.64 | 3.99 | 4.88 | .80 | 2.87 | 2.07 | .30 |

| Weather Station | -Snowfall (inches of snow)- | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Clinton | 30.6 | 0 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | T | T |
| Columbia | 23.5 | 7.0 | 4.9 | T | 0 | 0 | 0 | 0 | 0 | 0 | .1 | T |
| Dexter | 13.5 | 20.0 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | T |
| Farmington | 12.2 | 12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hannibal | 31.0 | 4.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | T | 0 |
| Kansas City | 13.3 | 1.5 | 4.7 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | T | T |
| Kirksville | 19.4 | 1.0 | 6.1 | .4 | 0 | 0 | 0 | 0 | 0 | 0 | .5 | 0 |
| St. Louis | 18.4 | 4.8 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .3 | T |
| Springfield | 23.1 | 1.8 | T | T | 0 | 0 | 0 | 0 | 0 | T | T | .8 |
| Trenton | 35.0 | 2.5 | 6.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Weather Station | -Average Temperatures (degrees Fahrenheit)- | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Clinton | 15.4 | 21.6 | 44.0 | 53.6 | 63.5 | 72.8 | 76.6 | 75.8 | 68.7 | 58.3 | 42.7 | 35.8 |
| Columbia | 15.9 | 23.1 | 44.3 | 53.1 | 64.1 | 72.2 | 76.1 | 75.4 | 67.7 | 57.5 | 41.5 | 35.9 |
| Dexter | 25.8 | 31.2 | 49.8 | 58.7 | 66.9 | 77.2 | 79.5 | 78.3 | 70.9 | 63.3 | 47.1 | 40.1 |
| Farmington | 17.4 | 24.5 | 43.7 | 53.7 | 61.4 | 70.8 | 73.8 | 72.6 | 62.5 | 53.5 | 40.5 | 34.2 |
| Hannibal | 11.9 | 17.0 | 40.0 | 50.4 | 62.9 | 72.8 | 75.3 | 73.6 | 66.6 | 55.9 | 41.6 | 33.0 |
| Kansas City | 12.5 | 20.9 | 42.2 | 51.6 | 63.5 | 72.2 | 75.9 | 75.7 | 68.6 | 57.7 | 40.7 | 35.2 |
| Kirksville | 11.0 | 17.4 | 39.0 | 49.0 | 62.7 | 71.5 | 74.2 | 74.0 | 65.9 | 55.5 | 39.2 | 33.6 |
| St. Louis | 16.6 | 23.1 | 44.1 | 52.9 | 65.5 | 76.5 | 79.2 | 78.4 | 70.8 | 59.2 | 44.5 | 38.7 |
| Springfield | 17.6 | 27.1 | 45.3 | 53.6 | 62.3 | 70.5 | 75.1 | 75.6 | 68.7 | 60.9 | 43.7 | 41.3 |
| Trenton | 10.6 | 17.1 | 39.1 | 49.4 | 62.0 | 71.6 | 74.7 | 73.6 | 65.8 | 55.9 | 39.1 | 33.4 |

Note: Data furnished by Environmental Data Service, NOAA.
T Trace, an amount too small to measure.
1/ Airport
2/ Radio KIRX

# MISSOURI CROP SUMMARY, 1979

Missouri crop producers had an excellent season in 1979, producing a record soybean crop and the largest corn crop since 1973. After a late start due to heavy rain in April and early May, planting proceeded rapidly and, by mid-June, the percent of corn, sorghum and soybean acreage planted had reached normal levels. The Bootheel received more rain than the rest of the State throughout the spring, which kept cotton planting and development behind normal. Fuel shortages appeared in many areas during the planting season.

Wheat harvest was later than normal during 1979. Soils were generally dry across the State for most of the summer, especially in the East Central region. However, a combination of timely rains and moderate summer temperatures brought almost all crops to maturity in good condition. Most of Missouri went for about six weeks in early autumn without rain, which gave producers a good start on harvest. However, high moisture in corn, lack of storage and transportation became major problems in many areas during the fall.

Total value of Missouri's principal crops was $2.5 billion in 1979, 19 percent above the previous year and the highest crop value on record.

**CORN:** Corn production totaled 228.7 million bushels in 1979, 19 percent above last year. The State's average yield topped the hundred-bushel mark for the first time, climbing 16 bushels from 1978 to 103 bushels per acre. Acres harvested for grain totaled 2.22 million acres, 1 percent above a year earlier. Production of CORN SILAGE totaled 1.46 million tons, 8 percent below 1978. Value of corn harvested for grain rose to 537.4 million dollars, reflecting both increased prices and production.

**SOYBEANS:** The 1979 soybean crop reached a record 186.8 million bushels, 18 percent above the 1978 record. Average yield, at 31.5 bushels per acre, was second only to the 1977 record of 32.0 bushels. Harvested acreage increased 7 percent to 5.9 million acres. Despite a drop in prices, the higher production brought the crop's total value up 8 percent from the previous year to 1.14 billion dollars.

**WINTER WHEAT:** Winter wheat production in Missouri rebounded from the small crop of 1978, increasing almost two and one half times to 70.4 million bushels in 1979. Yield rose 10 bushels to

44.0 bushels per acre, while acreage rose from 840,000 in 1978 to 1.6 million acres harvested in 1979. These increases, combined with higher wheat prices, caused a tripling in total crop value, to 268 million dollars.

**GRAIN SORGHUM:** Unlike the three preceding crops, grain sorghum production dropped during the year, from 68 million bushels in 1978 to 59 million bushels in 1979. Although yield was a record high 82 bushels per acre, harvested acreage dropped 15 percent to 720,000. Production of SORGHUM SILAGE totaled 231,000 tons, 39 percent below the previous year. Total value of the sorghum harvested for grain was 128.7 million dollars, up 1 percent from 1978.

**HAY:** Missouri producers harvested 6.07 million tons of ALL HAY in 1979, 2 percent above a year earlier. Yield per acre rose slightly to 1.77 tons. ALFALFA HAY production totaled 1.43 million tons during 1979, with an average yield of 2.75 tons per acre.

**COTTON:** Cotton production in the State dropped 16 percent to 157,000 bales, because cool temperatures and rain limited planted acreage. Yield, at 550 pounds of lint per acre, was the highest since 1971. Value of the cotton lint was 46.5 million dollars in 1979.

**OTHER CROPS:** Missouri producers harvested 2.0 million bushels of OATS in 1979, 52 percent above the previous year. Yield rose 7 bushels to 45 bushels per acre. RYE production totaled 184,000 bushels harvested from 8,000 acres in 1979.

## CORN: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Crop Year | Corn for Grain | | | | | Harvested for Silage | | | | All Corn | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield Per Acre | Production | Value Per Bushel | Value Total | Acres | Yield | Production | Corn Forage | Planted | Harvested |
| | -thousands- | -bushels- | -thousand bushels- | -dollars- | -thousand dollars- | -thousands- | -tons- | -thousand tons- | -thousand acres- | -thousand acres- | |
| 1975 | 2,700 | 63.0 | 170,100 | 2.59 | 440,559 | 220 | 10.0 | 2,200 | 45 | 3,000 | 2,965 |
| 1976 | 2,850 | 61.0 | 173,850 | 2.27 | 394,640 | 220 | 9.5 | 2,090 | 60 | 3,200 | 3,130 |
| 1977 | 2,650 | 76.0 | 201,400 | 2.05 | 412,870 | 153 | 11.0 | 1,683 | 32 | 2,900 | 2,835 |
| 1978 | 2,200 | 87.0 | 191,400 | 2.26 | 432,564 | 132 | 12.0 | 1,584 | 41 | 2,400 | 2,373 |
| **1979** | **2,220** | **103.0** | **228,660** | **2.35** | **537,351** | **112** | **13.0** | **1,456** | **42** | **2,400** | **2,374** |

## SORGHUM: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Crop Year | Sorghum for Grain | | | | | Harvested for Silage | | | | All Sorghum | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield Per Acre | Production | Value Per Bushel | Value Total | Acres | Yield | Production | Sorghum Forage | Planted | Harvested |
| | -thousands- | -bushels- | -thousand bushels- | -dollars- | -thousand dollars- | -thousands- | -tons- | -thousand tons- | -thousand acres- | -thousand acres- | |
| 1975 | 530 | 53.0 | 28,090 | 2.25 | 63,203 | 31 | 10.5 | 326 | 51 | 625 | 612 |
| 1976 | 660 | 60.0 | 39,600 | 1.87 | 74,052 | 30 | 9.5 | 285 | 35 | 740 | 725 |
| 1977 | 930 | 73.0 | 67,890 | 1.64 | 111,340 | 44 | 11.0 | 484 | 56 | 1,050 | 1,030 |
| 1978 | 850 | 80.0 | 68,000 | 1.89 | 128,520 | 33 | 11.5 | 380 | 39 | 930 | 922 |
| **1979** | **720** | **82.0** | **59,040** | **2.18** | **128,707** | **22** | **10.5** | **231** | **44** | **800** | **786** |

## FIELD CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Crop Year | Acreage | | Unit | Yield Per Acre | Production | Value | |
|---|---|---|---|---|---|---|---|
| | Planted | Harvested | | | | Per Unit | Total |
| | -thousands- | | | | -thous. units- | -dollars- | -thous. dollars- |
| | | | | -Wheat- | | | |
| 1975 | 1,660 | 1,470 | Bu. | 33.0 | 48,510 | 3.06 | 148,441 |
| 1976 | 2,025 | 1,760 | Bu. | 33.0 | 58,080 | 2.94 | 170,755 |
| 1977 | 2,000 | 1,760 | Bu. | 39.0 | 68,640 | 2.06 | 141,398 |
| 1978 | 960 | 840 | Bu. | 34.0 | 28,560 | 2.94 | 83,966 |
| **1979** | **1,780** | **1,600** | **Bu.** | **44.0** | **70,400** | **3.80** | **267,520** |
| | | | | -Soybeans- | | | |
| 1975 | 4,450 | 4,370 | Bu. | 26.0 | 113,620 | 4.84 | 549,921 |
| 1976 | 4,300 | 4,200 | Bu. | 20.0 | 84,000 | 6.65 | 558,600 |
| 1977 | 4,730 | 4,650 | Bu. | 32.0 | 148,800 | 5.74 | 854,112 |
| 1978 | 5,600 | 5,540 | Bu. | 28.5 | 157,890 | 6.69 | 1,056,284 |
| **1979** | **6,000** | **5,930** | **Bu.** | **31.5** | **186,795** | **6.10** | **1,139,450** |
| | | | | -Cotton Lint 1/- | | | |
| 1975 | 220 | 210 | Lb. | 449 | 196 | 50.80 | 47,793 |
| 1976 | 305 | 260 | Lb. | 305 | 165 | 59.20 | 46,886 |
| 1977 | 270 | 258 | Lb. | 437 | 235 | 53.40 | 60,235 |
| 1978 | 210 | 182 | Lb. | 496 | 188 | 60.60 | 54,685 |
| **1979** | **157** | **137** | **Lb.** | **550** | **157** | **61.70** | **46,497** |
| | | | | -Cottonseed- | | | |
| 1975 | -- | -- | Tons | -- | 79 | 98.30 | 7,766 |
| 1976 | -- | -- | Tons | -- | 67 | 99.00 | 6,633 |
| 1977 | -- | -- | Tons | -- | 94 | 67.50 | 6,345 |
| 1978 | -- | -- | Tons | -- | 75 | 96.00 | 7,200 |
| **1979** | **--** | **--** | **Tons** | **--** | **62** | **125.00** | **7,750** |
| | | | | -Oats- | | | |
| 1975 | 152 | 85 | Bu. | 39.0 | 3,315 | 1.61 | 5,337 |
| 1976 | 210 | 136 | Bu. | 40.0 | 5,440 | 1.65 | 8,976 |
| 1977 | 220 | 145 | Bu. | 50.0 | 7,250 | 1.14 | 8,265 |
| 1978 | 80 | 35 | Bu. | 38.0 | 1,330 | 1.29 | 1,716 |
| **1979** | **90** | **45** | **Bu.** | **45.0** | **2,025** | **1.50** | **3,038** |
| | | | | -Rye- | | | |
| 1975 | 65 | 6 | Bu. | 22.0 | 132 | 2.19 | 289 |
| 1976 | 62 | 5 | Bu. | 21.0 | 105 | 2.10 | 221 |
| 1977 | 65 | 6 | Bu. | 27.0 | 162 | 1.90 | 308 |
| 1978 | 47 | 7 | Bu. | 25.0 | 175 | 2.55 | 446 |
| **1979** | **55** | **8** | **Bu.** | **23.0** | **184** | **2.45** | **451** |
| | | | | -Rice 2/- | | | |
| 1975 | 18 | 18 | Cwt. | 4,210 | 758 | 8.53 | 6,466 |
| 1976 | 14 | 14 | Cwt. | 4,200 | 588 | 7.49 | 4,404 |
| 1977 | 17 | 17 | Cwt. | 3,700 | 629 | 9.70 | 6,101 |
| 1978 | 30 | 30 | Cwt. | 4,330 | 1,298 | 8.75 | 11,358 |
| **1979** | **35** | **35** | **Cwt.** | **3,810** | **1,333** | **11.00 3/** | **14,663** |

1/ Cotton production in bales, price in cents per pound.
2/ Rice yield is in pounds per acre, production is in thousand hundredweight.
3/ 1979 price based on U.S. price.

## FIELD CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79 (CONT.)

| Crop Year | Acreage | | Unit | Yield Per Acre | Production | Value | |
|---|---|---|---|---|---|---|---|
| | Planted | Harvested | | | | Per Unit | Total |
| | -thousands- | | | | -thous. units- | -dollars- | -thous. dollars- |
| | | | | -Tobacco 1/- | | | |
| 1975 | -- | 2,700 | Lb. | 2,270 | 6,129 | .980 | 6,006 |
| 1976 | -- | 2,400 | Lb. | 2,190 | 5,256 | 1.060 | 5,571 |
| 1977 | -- | 2,600 | Lb. | 2,385 | 6,201 | 1.153 | 7,150 |
| 1978 | -- | 2,400 | Lb. | 2,280 | 5,472 | 1.270 | 6,949 |
| **1979** | -- | **2,400** | **Lb.** | **2,300** | **5,520** | **1.440** | **7,949** |
| | | | | -Popcorn- | | | |
| 1975 | 14.8 | 14.5 | Lb. | 1,850 | 26,830 | .089 | 2,388 |
| 1976 | 10.0 | 9.6 | Lb. | 2,850 | 27,360 | .087 | 2,380 |
| 1977 | 4.8 | 4.6 | Lb. | 1,700 | 7,820 | .088 | 684 |
| 1978 | 3.1 | 3.0 | Lb. | 2,600 | 7,800 | .082 | 640 |
| **1979** | **4.2** | **4.1** | **Lb.** | **2,600** | **10,660** | **.089** | **943** |
| | | | | -All Hay- | | | |
| 1975 | -- | 3,400 | Ton | 1.66 | 5,630 | 45.00 | 253,350 |
| 1976 | -- | 3,350 | Ton | 1.48 | 4,948 | 51.50 | 254,822 |
| 1977 | -- | 3,455 | Ton | 1.65 | 5,700 | 49.50 | 282,150 |
| 1978 | -- | 3,450 | Ton | 1.73 | 5,980 | 45.50 | 272,090 |
| **1979** | -- | **3,420** | **Ton** | **1.77** | **6,070** | **49.00** | **297,430** |
| | | | | -Alfalfa Hay- | | | |
| 1975 | -- | 530 | Ton | 2.50 | 1,325 | – | – |
| 1976 | -- | 500 | Ton | 2.20 | 1,100 | – | – |
| 1977 | -- | 575 | Ton | 2.65 | 1,524 | – | – |
| 1978 | -- | 550 | Ton | 2.70 | 1,485 | – | – |
| **1979** | -- | **520** | **Ton** | **2.75** | **1,430** | -- | -- |
| | | | | -Clover - Timothy Hay- | | | |
| 1975 | – | 1,570 | Ton | 1.60 | 2,512 | – | – |
| 1976 | – | 1,400 | Ton | 1.45 | 2,030 | – | – |
| 1977 | -- | 1,360 | Ton | 1.55 | 2,108 | – | – |
| 1978 | -- | 1,300 | Ton | 1.65 | 2,145 | – | – |
| **1979** | -- | **1,300** | **Ton** | **1.70** | **2,210** | -- | -- |
| | | | | -White Corn- | | | |
| 1975 | 57 | 55 | Bu. | 69 | 3,795 | – | – |
| 1976 | 25 | 24 | Bu. | 70 | 1,680 | – | – |
| 1977 | 35 | 34 | Bu. | 57 | 1,938 | – | – |
| 1978 | 38 | 38 | Bu. | 86 | 3,268 | – | – |
| **1979** | **33** | **32** | **Bu.** | **100** | **3,200** | -- | -- |

1/ Tobacco acreage in actual acres, not thousands.

## FIELD CROPS: PRODUCTION, FARM USE, SALES AND VALUE, MISSOURI, 1975 - 79

| Crop Year | Production (thousand bushels) | Used on Farms Where Grown (thous. bu.) | Sold (thousand bushels) | Season Ave. Price Per Bushel (dollars) | Value of Production (thousand dollars) | Value of Sales (thousand dollars) |
|---|---|---|---|---|---|---|
| | | | - Corn for Grain - | | | |
| 1975 | 170,100 | 90,153 | 79,947 | 2.59 | 440,559 | 207,063 |
| 1976 | 173,850 | 86,925 | 86,925 | 2.27 | 394,640 | 197,320 |
| 1977 | 201,400 | 116,812 | 84,588 | 2.05 | 412,870 | 173,405 |
| 1978 | 191,400 | 101,442 | 89,958 | 2.26 | 432,564 | 203,305 |
| **1979** | **228,660** | **125,763** | **102,897** | **2.35** | **537,351** | **241,808** |
| | | | - Oats - | | | |
| 1975 | 3,315 | 2,751 | 564 | 1.61 | 5,337 | 908 |
| 1976 | 5,440 | 4,570 | 870 | 1.65 | 8,976 | 1,436 |
| 1977 | 7,250 | 6,162 | 1,088 | 1.14 | 8,265 | 1,240 |
| 1978 | 1,330 | 1,130 | 200 | 1.29 | 1,716 | 258 |
| **1979** | **2,025** | **1,782** | **243** | **1.50** | **3,038** | **365** |
| | | | - Wheat - | | | |
| 1975 | 48,510 | 5,676 | 42,834 | 3.06 | 148,441 | 131,072 |
| 1976 | 58,080 | 5,460 | 52,620 | 2.94 | 170,755 | 154,703 |
| 1977 | 68,640 | 7,344 | 61,296 | 2.06 | 141,398 | 126,270 |
| 1978 | 28,560 | 3,627 | 24,933 | 2.94 | 83,966 | 73,303 |
| **1979** | **70,400** | **3,942** | **66,458** | **3.80** | **267,520** | **252,540** |
| | | | - Sorghum for Grain - | | | |
| 1975 | 28,090 | 11,798 | 16,292 | 2.25 | 63,203 | 36,657 |
| 1976 | 39,600 | 17,820 | 21,780 | 1.87 | 74,052 | 40,729 |
| 1977 | 67,890 | 31,908 | 35,982 | 1.64 | 111,340 | 59,010 |
| 1978 | 68,000 | 34,000 | 34,000 | 1.89 | 128,520 | 64,260 |
| **1979** | **59,040** | **27,158** | **31,882** | **2.18** | **128,707** | **69,503** |
| | | | - Cottonseed - 1/ | | | |
| 1975 | 79 | -- | 67 | 98.30 | 7,766 | 6,586 |
| 1976 | 67 | -- | 60 | 99.00 | 6,633 | 5,940 |
| 1977 | 94 | -- | 84 | 67.50 | 6,345 | 5,670 |
| 1978 | 75 | -- | 69 | 96.00 | 7,200 | 6,693 |
| **1979** | **62** | -- | -- | **125.00** | **7,750** | -- |
| | | | - All Hay - 2/ | | | |
| 1975 | 5,630 | 5,011 | 619 | 45.00 | 253,350 | 27,855 |
| 1976 | 4,948 | 4,478 | 470 | 51.50 | 254,822 | 24,205 |
| 1977 | 5,700 | 5,101 | 599 | 49.50 | 282,150 | 29,651 |
| 1978 | 5,980 | 5,232 | 748 | 45.50 | 272,090 | 34,034 |
| **1979** | **6,070** | **5,342** | **728** | **49.00** | **297,430** | **35,672** |
| | | | - Rye - | | | |
| 1975 | 132 | 26 | 106 | 2.19 | 289 | 232 |
| 1976 | 105 | 21 | 84 | 2.10 | 221 | 176 |
| 1977 | 162 | 32 | 130 | 1.90 | 308 | 247 |
| 1978 | 175 | 35 | 140 | 2.55 | 446 | 357 |
| **1979** | **184** | **37** | **147** | **2.45** | **451** | **360** |

1/ Production, farm use and sales in thousand tons; season average price in dollars per ton. Sales and value of sales to oil mills only.
2/ Production, farm use and sales in thousand tons; season average in dollars per ton.

## FIELD CROPS: PRODUCTION, FARM USE, SALES AND VALUE, MISSOURI, 1975 - 79 (CONT.)

| Crop Year | Production (thousand bushels) | Used on Farms Where Grown (thous. bu.) | Sold (thousand bushels) | Season Ave. Price Per Bushel (dollars) | Value of Production (thousand dollars) | Value of Sales (thousand dollars) |
|---|---|---|---|---|---|---|
| | | | - Rice - 1/ | | | |
| 1975 | 758 | 3 | 755 | 8.53 | 6,466 | 6,440 |
| 1976 | 588 | 4 | 584 | 7.49 | 4,404 | 4,374 |
| 1977 | 629 | 7 | 622 | 9.70 | 6,101 | 6,033 |
| 1978 | 1,298 | 10 | 1,288 | 8.75 | 11,358 | 11,270 |
| **1979** | **1,333** | **11** | **1,322** | **11.00 2/** | **14,663** | **14,542** |
| | | | - Soybeans - | | | |
| 1975 | 113,620 | 1,818 | 111,802 | 4.84 | 549,921 | 541,122 |
| 1976 | 84,000 | 2,100 | 81,900 | 6.65 | 558,600 | 544,635 |
| 1977 | 148,800 | 2,381 | 146,419 | 5.74 | 854,112 | 840,445 |
| 1978 | 157,890 | 2,368 | 155,522 | 6.69 | 1,056,284 | 1,040,442 |
| **1979** | **186,795** | **2,242** | **184,553** | **6.10** | **1,139,450** | **1,125,773** |

1/ Production and utilization in thousand hundredweight. Season average price in dollars per hundredweight.
2/ 1979 price based on U.S. price.

## IRRIGATION; ACREAGE IRRIGATED BY WATER SOURCE, TYPE OF SYSTEM AND ENERGY SOURCE, MISSOURI, 1974 - 77

| Year | Acres Irrigated By Source: Ground Water | Surface Water | Both Sources | Total |
|---|---|---|---|---|
| 1974 | 143,000 | 55,000 | 0 | 198,000 |
| 1977 | 248,000 | 57,000 | 5,000 | 310,000 |

| Year | Acres Irrigated By Type of System: Big Gun | Center Pivot | Other Sprinkler | Surface |
|---|---|---|---|---|
| 1974 | 20,990 | 20,990 | 4,840 | 150,930 |
| 1977 | 26,010 | 85,120 | 4,240 | 194,630 |

| Year | Acres Irrigated By Energy Source: Electricity | Diesel | Gasoline | Natural Gas | LP Gas |
|---|---|---|---|---|---|
| 1974 | 39,550 | 36,140 | 40,440 | 1,430 | 71,190 |
| 1977 | 52,310 | 160,700 | 2,530 | 23,620 | 70,840 |

## MARKETING OF MAJOR CROPS: ESTIMATED PERCENT OF FARM SALES, MONTHLY, MISSOURI, 1974-75 to 1978-79

| Marketing Year | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Corn- | | | | | | |
| 1974-75 | 11 | 15 | 21 | 8 | 13 | 8 | 5 | 5 | 3 | 3 | 4 | 4 |
| 1975-76 | 16 | 19 | 11 | 8 | 7 | 5 | 6 | 5 | 5 | 5 | 6 | 7 |
| 1976-77 | 11 | 15 | 17 | 9 | 8 | 8 | 6 | 5 | 4 | 5 | 5 | 7 |
| 1977-78 | 13 | 12 | 8 | 11 | 9 | 8 | 8 | 7 | 6 | 5 | 5 | 8 |
| **1978-79** | **9** | **11** | **10** | **9** | **9** | **10** | **7** | **7** | **7** | **7** | **7** | **7** |
| | | | | | | -Soybeans- | | | | | | |
| 1974-75 | 3 | 19 | 21 | 6 | 11 | 3 | 5 | 3 | 7 | 5 | 9 | 8 |
| 1975-76 | 5 | 28 | 13 | 7 | 9 | 7 | 6 | 6 | 8 | 4 | 4 | 3 |
| 1976-77 | 6 | 27 | 22 | 8 | 10 | 10 | 7 | 4 | 3 | 1 | 1 | 1 |
| 1977-78 | 3 | 21 | 17 | 12 | 8 | 5 | 13 | 7 | 6 | 2 | 3 | 3 |
| **1978-79** | **3** | **22** | **15** | **6** | **11** | **11** | **8** | **4** | **5** | **8** | **2** | **5** |
| | | | | | | -Sorghum- | | | | | | |
| 1974-75 | 7 | 19 | 19 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 4 | 4 |
| 1975-76 | 32 | 37 | 9 | 4 | 4 | 3 | 3 | 2 | 2 | 1 | 1 | 2 |
| 1976-77 | 15 | 26 | 15 | 5 | 6 | 6 | 5 | 4 | 5 | 3 | 3 | 7 |
| 1977-78 | 46 | 21 | 9 | 6 | 4 | 4 | 2 | 2 | 2 | 1 | 1 | 2 |
| **1978-79** | **8** | **17** | **17** | **8** | **6** | **8** | **10** | **8** | **3** | **7** | **3** | **5** |

| Marketing Year | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Wheat- | | | | | | |
| 1974-75 | 41 | 26 | 5 | 4 | 5 | 2 | 3 | 4 | 2 | 2 | 3 | 3 |
| 1975-76 | 40 | 35 | 9 | 3 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 |
| 1976-77 | 39 | 36 | 6 | 3 | 1 | 1 | 2 | 3 | 3 | 2 | 2 | 2 |
| 1977-78 | 43 | 24 | 5 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 2 |
| **1978-79** | **28** | **35** | **13** | **4** | **3** | **2** | **2** | **3** | **2** | **3** | **3** | **2** |

| Marketing Year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -All Hay- | | | | | | |
| 1974-75 | 5 | 11 | 11 | 10 | 6 | 4 | 4 | 7 | 13 | 11 | 12 | 6 |
| 1975-76 | 4 | 17 | 17 | 5 | 4 | 11 | 7 | 7 | 8 | 9 | 7 | 4 |
| 1976-77 | 6 | 15 | 12 | 8 | 7 | 5 | 7 | 11 | 9 | 10 | 6 | 4 |
| 1977-78 | 5 | 13 | 10 | 11 | 5 | 5 | 3 | 6 | 14 | 15 | 9 | 4 |
| **1978-79** | **6** | **15** | **13** | **8** | **5** | **7** | **6** | **8** | **10** | **11** | **7** | **4** |

## PESTICIDE USE: PLANTED ACRES TREATED BY CROP, MISSOURI, 1978

| Pesticide | Corn | Soybeans | Grain Sorghum | Cotton |
|---|---|---|---|---|
| | | -thousand acres- | | |
| Herbicides | | | | |
| Alachlor (Lasso*) | 1,198 | 2,852 | 1/ | – |
| Atrazine | 2,049 | – | 706 | – |
| Linuron (Lorox*) | 19 | 1,431 | – | – |
| Metribuzin (Sencor*, Lexone*) | 1/ | 1,909 | – | – |
| Trifluralin (Treflan*) | – | 2,003 | 1/ | 177 |
| Insecticides | | | | |
| Carbaryl (Sevin*) | 24 | 1/ | 26 | – |
| Carbofuran (Furadan*) | 453 | 1/ | 9 | – |

1/ Less than 1% of this crop's planted acres treated with this pesticide. *Registered trademark.

## CROP RECORDS FOR MISSOURI: ACREAGE, YIELD, PRODUCTION

| Crop | Date Series Began | Record | Harvested Acreage | Year 1/ | Yield Per Acre | Year 1/ | Total Production | Year 1/ | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | | -thousand- | | | | -thousand- | | |
| Corn for Grain 2/ | 1919 | High | 5,993 | 1925 | 103.0 | 1979 | 272,096 | 1971 | bu |
| | | Low | 1,521 | 1934 | 9.3 | 1934 | 14,145 | 1934 | bu |
| Corn for Silage | 1919 | High | 667 | 1954 | 13.0 | 1979 | 3,141 | 1964 | ton |
| | | Low | 32 | 1926 | 2.7 | 1934 | 198 | 1935 | ton |
| Soybeans for Beans | 1924 | High | 5,930 | 1979 | 32.0 | 1977 | 186,795 | 1979 | bu |
| | | Low | 44 | 1925 | 5.0 | 1936 | 255 | 1936 | bu |
| Sorghum for Grain 3/ | 1929 | High | 930 | 1977 | 82.0 | 1979 | 68,000 | 1978 | bu |
| | | Low | 23 | 1951 | 6.4 | 1936 | 167 | 1936 | bu |
| Sorghum for Silage | 1929 | High | 144 | 1957 | 13.0 | 1971 | 1,408 | 1958 | ton |
| | | Low | 8 | 1929 | 4.1 | 1934 | 46 | 1929 | ton |
| Winter Wheat 4/ | 1909 | High | 4,565 | 1919 | 44.0 | 1979 | 70,400 | 1979 | bu |
| | | Low | 695 | 1942 | 8.5 | 1916 | 9,035 | 1942 | bu |
| Rye | 1866 | High | 107 | 1919 | 27.0 | 1977 | 1,326 | 1954 | bu |
| | | Low | 5 | 1976 | 7.0 | 1901 | 96 | 1974 | bu |
| Oats | 1866 | High | 2,250 | 1943 | 50.0 | 1977 | 59,427 | 1942 | bu |
| | | Low | 35 | 1978 | 10.0 | 1901 | 1,330 | 1978 | bu |
| Cotton 5/ | 1879 | High | 600 | 1949 | 630.0 | 1963 | 508 | 1959 | bales |
| | | Low | 32 | 1879 | 127.0 | 1895 | 12 | 1895 | bales |
| Rice 5/ | 1924 | High | 35 | 1979 | 4,800.0 | 1971 | 1,333 | 1979 | cwt |
| | | Low | 1 | 1924 | 1,125.0 | 1927 | 22 | 1924 | cwt |
| Tobacco | 1866 | High | 29 | 1877 | 2,600.0 | 1970 | 28,420 | 1876 | lbs |
| | | Low | 1.9 | 1973 | 505.0 | 1887 | 2,340 | 1918 | lbs |
| Popcorn | 1937 | High | 16 | 1958 | 3,200.0 | 1971 | 35,420 | 1958 | lbs |
| | | Low | 1 | 1937 | 700.0 | 1941 | 1,250 | 1937 | lbs |
| White Corn | 1971 | High | 113 | 1971 | 100.0 | 1979 | 9,831 | 1971 | bu |
| | | Low | 24 | 1976 | 50.0 | 1974 | 1,680 | 1976 | bu |
| All Hay | 1909 | High | 3,914 | 1945 | 1.99 | 1968 | 6,070 | 1979 | ton |
| | | Low | 2,442 | 1937 | .51 | 1911 | 1,567 | 1911 | ton |
| Alfalfa Hay | 1919 | High | 850 | 1969 | 3.10 | 1968 | 2,493 | 1967 | ton |
| | | Low | 120 | 1930 | 1.50 | 1936 | 216 | 1930 | ton |
| Clover-Timothy Hay | 1919 | High | 3,100 | 1922 | 1.70 | 1979 | 2,964 | 1927 | ton |
| | | Low | 549 | 1956 | .45 | 1934 | 549 | 1956 | ton |
| Orchardgrass Seed | 1925 | High | 23 | 1964 | 240.0 | 1975 | 3,900 | 1953 | lb |
| | | Low | .7 | 1938 | 84.0 | 1927 | 70 | 1938 | lb |
| Tall Fescue Seed | 1951 | High | 415 | 1978 | 310.0 | 1971 | 124,500 | 1978 | lb |
| | | Low | 3.3 | 1951 | 160.0 | 1952 | 590 | 1951 | lb |
| Red Clover Seed | 1919 | High | 275 | 1950 | 115.0 | 1975 | 18,200 | 1950 | lb |
| | | Low | 12 | 1937 | 38.0 | 1936 | 532 | 1934 | lb |
| Timothy Seed | 1919 | High | 144 | 1950 | 190.0 | 1979 | 23,000 | 1950 | lb |
| | | Low | 7 | 1979 | 63.0 | 1934 | 1,260 | 1934 | lb |
| Lespedeza Seed | 1934 | High | 464 | 1944 | 280.0 | 1969 | 90,500 | 1944 | lb |
| | | Low | 10 | 1936 | 89.0 | 1936 | 890 | 1936 | lb |
| Cotton Seed | 1909 | High | -- | -- | -- | -- | 213 | 1948 | tons |
| | | Low | -- | -- | -- | -- | 21 | 1915 | tons |
| Apples Commercial | 1934 | High | -- | -- | -- | -- | 2,776 | 1937 | bu |
| | | Low | -- | -- | -- | -- | 427 | 1936 | bu |
| Peaches | 1899 | High | -- | -- | -- | -- | 4,000 | 1906 | bu |
| | | Low | -- | -- | -- | -- | 19 | 1930 | bu |
| Grapes | 1909 | High | -- | -- | -- | -- | 11,200 | 1931 | ton |
| | | Low | -- | -- | -- | -- | 900 | 1967 | ton |

1/ These are the latest years that records were achieved. In some cases these records were equaled in several earlier years.
2/ Between 1866 and 1919, corn for grain was included in all corn estimates.
3/ Between 1919 and 1929, sorghum for grain was included in all sorghum estimates.
4/ Between 1866 and 1909, winter wheat was included in all wheat estimates.
5/ Yield measured in pounds. Cotton production is in 480-pound bales. Rice production is in hundredweight.

## GRAIN STOCKS: CORN, SOYBEANS AND SORGHUM GRAIN, BY STORAGE POSITION, MISSOURI, 1975-79

| Year | January 1 | | | April 1 | | |
|---|---|---|---|---|---|---|
| | On Farms | Off Farms 1/ | Total | On Farms | Off Farms 1/ | Total |
| | -thousand bushels- | | | | | |
| | **-Corn-** | | | | | |
| 1975 | 84,877 | 34,251 | 119,128 | 48,292 | 21,990 | 70,282 |
| 1976 | 91,854 | 31,876 | 123,730 | 52,731 | 24,655 | 77,386 |
| 1977 | 92,141 | 37,596 | 129,737 | 57,371 | 29,747 | 87,118 |
| 1978 | 108,756 | 42,481 | 151,237 | 74,518 | 32,945 | 107,463 |
| **1979** | **111,012** | **45,044** | **156,056** | **74,646** | **32,477** | **107,123** |
| | **-Soybeans-** | | | | | |
| 1975 | 36,550 | 33,838 | 70,388 | 22,844 | 19,641 | 42,485 |
| 1976 | 34,086 | 37,950 | 72,036 | 21,588 | 24,371 | 45,959 |
| 1977 | 21,000 | 35,324 | 56,324 | 14,280 | 20,203 | 34,483 |
| 1978 | 41,664 | 44,350 | 86,014 | 25,296 | 32,457 | 57,753 |
| **1979** | **45,788** | **49,981** | **95,769** | **29,999** | **30,571** | **60,570** |
| | **-Sorghum Grain-** | | | | | |
| 1975 | 9,025 | 6,390 | 15,415 | 4,275 | 3,970 | 8,245 |
| 1976 | 10,674 | 4,350 | 15,024 | 3,933 | 3,253 | 7,186 |
| 1977 | 12,672 | 9,210 | 21,882 | 7,128 | 7,397 | 14,525 |
| 1978 | 24,440 | 8,782 | 33,222 | 16,973 | 6,471 | 23,444 |
| **1979** | **34,000** | **14,059** | **48,059** | **21,760** | **9,899** | **31,659** |

| Year | June 1 2/ | | | October 1 3/ | | |
|---|---|---|---|---|---|---|
| | On Farms | Off Farms 1/ | Total | On Farms | Off Farms 1/ | Total |
| | -thousand bushels- | | | | | |
| | **-Corn-** | | | | | |
| 1975 | 21,951 | 10,612 | 32,563 | 5,854 | 3,681 | 9,535 |
| 1976 | 34,020 | 17,529 | 51,549 | 6,804 | 3,070 | 9,874 |
| 1977 | 39,986 | 20,946 | 60,932 | 12,170 | 8,385 | 20,555 |
| 1978 | 58,406 | 23,472 | 81,878 | 14,098 | 14,907 | 29,005 |
| **1979** | **49,764** | **26,380** | **76,144** | **11,484** | **15,830** | **27,314** |
| | **-Soybeans-** | | | | | |
| 1975 | 10,965 | 14,239 | 25,204 | 4,112 | 8,480 | 12,592 |
| 1976 | 11,362 | 15,870 | 27,232 | 3,409 | 8,289 | 11,698 |
| 1977 | 3,360 | 12,309 | 15,669 | 1,260 | 3,856 | 5,116 |
| 1978 | 14,880 | 19,599 | 34,479 | 3,720 | 7,552 | 11,272 |
| **1979** | **15,789** | **17,310** | **33,099** | **3,158** | **5,833** | **8,991** |
| | **-Sorghum Grain-** | | | | | |
| 1975 | 2,138 | 3,051 | 5,189 | 238 | 684 | 922 |
| 1976 | 3,371 | 3,015 | 6,386 | 562 | 333 | 895 |
| 1977 | 5,940 | 4,854 | 10,794 | 1,980 | 1,058 | 3,038 |
| 1978 | 14,257 | 5,212 | 19,469 | 6,789 | 2,591 | 9,380 |
| **1979** | **10,880** | **7,671** | **18,551** | **2,040** | **6,689** | **8,729** |

1/ Includes stocks at mills, elevators, warehouses, terminals, processors.
2/ Prior to 1976, grain stocks taken on July 1.
3/ Soybean stocks as of September 1.

## GRAIN STOCKS: WHEAT AND OATS, BY STORAGE POSITION, MISSOURI, 1975-80

| Storage Year | October 1 | | | January 1 | | |
|---|---|---|---|---|---|---|
| | On Farms | Off Farms 1/ | Total | On Farms | Off Farms 1/ | Total |
| | -thousand bushels- | | | | | |
| | -Wheat- | | | | | |
| 1975-76 | 6,791 | 34,066 | 40,857 | 3,396 | 21,224 | 24,620 |
| 1976-77 | 11,035 | 49,372 | 60,407 | 5,808 | 44,068 | 49,876 |
| 1977-78 | 15,101 | 43,983 | 59,084 | 9,610 | 37,273 | 46,883 |
| 1978-79 | 4,284 | 20,322 | 24,606 | 1,999 | 15,288 | 17,287 |
| **1979-80** | **7,744** | **28,665** | **36,409** | **4,224** | **21,007** | **25,231** |
| | -Oats- | | | | | |
| 1975-76 | 2,619 | 7,460 | 10,079 | 1,989 | 5,994 | 7,983 |
| 1976-77 | 3,264 | 4,598 | 7,862 | 2,394 | 3,037 | 5,431 |
| 1977-78 | 4,713 | 4,278 | 8,991 | 3,698 | 3,070 | 6,768 |
| 1978-79 | 1,117 | 3,356 | 4,473 | 958 | 1,877 | 2,835 |
| **1979-80** | **1,863** | **3,059** | **4,922** | **1,721** | **2,324** | **4,045** |

| Storage Year | April 1 | | | June 1 2/ | | |
|---|---|---|---|---|---|---|
| | On Farms | Off Farms 1/ | Total | On Farms | Off Farms 1/ | Total |
| | -thousand bushels- | | | | | |
| | -Wheat- | | | | | |
| 1975-76 | 1,455 | 14,282 | 15,737 | 970 | 11,292 | 12,262 |
| 1976-77 | 4,066 | 36,558 | 40,624 | 2,904 | 28,007 | 30,911 |
| 1977-78 | 5,491 | 25,227 | 30,718 | 3,432 | 18,716 | 22,148 |
| **1978-79** | **714** | **9,215** | **9,929** | **571** | **6,675** | **7,246** |
| | -Oats- | | | | | |
| 1975-76 | 1,061 | 4,709 | 5,770 | 663 | 3,039 | 3,702 |
| 1976-77 | 1,632 | 2,140 | 3,772 | 1,088 | 1,768 | 2,856 |
| 1977-78 | 2,683 | 1,670 | 4,353 | 1,813 | 1,444 | 3,257 |
| **1978-79** | **745** | **1,225** | **1,970** | **532** | **1,086** | **1,618** |

1/ Includes stocks at mills, elevators, warehouses, terminals, processors.
2/ Prior to 1976, grain stocks taken on July 1.

## HAY STOCKS ON FARMS, MISSOURI, 1975-79

| Date | 1975 | 1976 | 1977 | 1978 | **1979** |
|---|---|---|---|---|---|
| | -thousand tons- | | | | |
| January 1 | 4,722 | 4,717 | 4,057 | 4,788 | **5,023** |
| May 1 | 933 | 1,591 | 544 | 1,026 | **1,017** |

## COMMERCIAL FERTILIZER: CONSUMPTION BY KIND AND PRIMARY PLANT NUTRIENTS, MISSOURI, 1975-79 1/

| Item | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|
| | | | -tons- | | |
| Commercial Nitrogen Materials: | | | | | |
| Ammonia | | | | | |
| Anhydrous | 138,648 | 158,976 | 162,550 | 85,403 | **105,273** |
| Aqua | 1,342 | 211 | 67 | 25 | **0** |
| Ammonium | | | | | |
| Nitrate | 100,358 | 94,713 | 80,338 | 84,068 | **96,842** |
| Sulfate | 290 | 216 | 248 | 0 | **21** |
| Nitrogen Solutions | 81,952 | 102,182 | 107,381 | 85,898 | **98,721** |
| Sodium Nitrate | 199 | 4 | 272 | 290 | **182** |
| Urea | 16,243 | 55,299 | 68,077 | 42,918 | **46,546** |
| Other | 3,007 | 3,486 | 1,969 | 1,363 | **994** |
| Phosphate and Potash Materials: | | | | | |
| Phosphate Materials | | | | | |
| Superphosphates | | | | | |
| Grade 22% and Under | 42 | 9 | 13 | 6 | **23** |
| Grade Over 22% | 2,735 | 2,519 | 7,111 | 1,569 | **3,636** |
| Phosphate Rock 2/ | 933 | 935 | 0 | 1 | **1** |
| Ammoniated Phosphate 3/ | 838 | 61 | 110 | 41 | **23** |
| Other | 942 | 1,012 | 1,109 | 1,285 | **45** |
| Potash Materials | | | | | |
| Chlorides 50-62% Grade | 16,016 | 16,629 | 27,060 | 16,293 | **29,718** |
| Other | 1,863 | 3,246 | 2,792 | 2,725 | **3,703** |
| All Fertilizer- | | | | | |
| Mixed Fertilizer | 971,178 | 1,332,294 | 1,318,256 | 1,116,126 | **1,370,074** |
| Primary Nutrient Materials | 369,768 | 445,830 | 469,249 | 329,004 | **388,089** |
| Secondary and Micronutrients | 175 | 444 | 151 | 82 | **376** |
| Total Fertilizer | 1,341,121 | 1,778,568 | 1,787,656 | 1,445,212 | **1,758,539** |
| Primary Nutrients | | | | | |
| N | 304,782 | 405,129 | 406,305 | 308,592 | **360,095** |
| Available $P_2O_5$ | 152,834 | 203,899 | 211,435 | 167,802 | **209,614** |
| $K_2O$ | 185,209 | 254,451 | 268,254 | 218,608 | **286,046** |

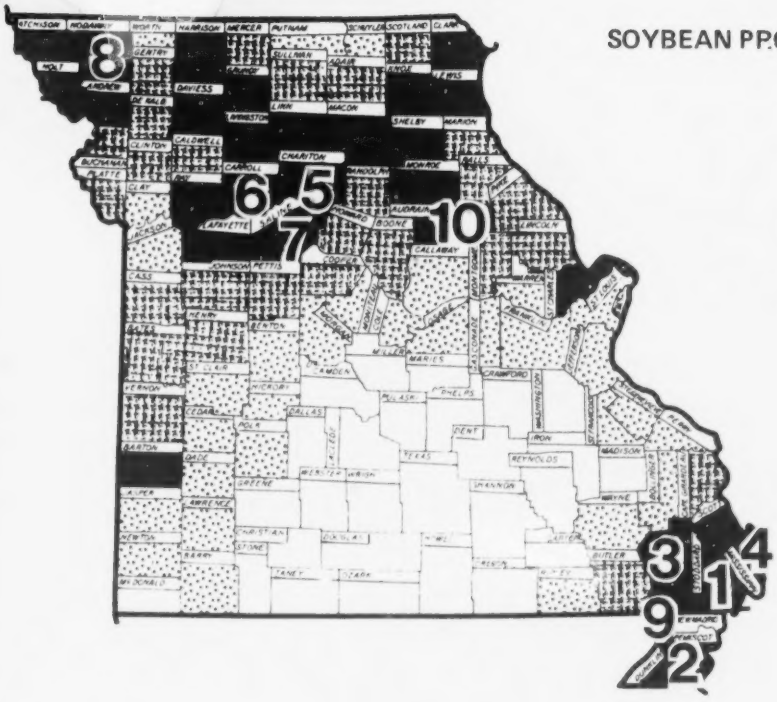
1/ Figures are based on consumption for fiscal year ending June 30 of year shown.
2/ Includes Colloidal Phosphate. 3/ Total of 11-48-0, 13-39-0, 16-20-0, 21-53-0, 27-14-0.

## COMMERCIAL FERTILIZER: CONSUMPTION BY CLASS, MISSOURI, 1975-79 1/

| Type | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|
| | | | -tons- | | |
| Mixtures: | | | | | |
| Dry Bagged | 152,800 | 151,200 | 136,100 | 111,600 | **109,600** |
| Dry Bulk | 698,100 | 1,032,900 | 1,031,800 | 881,700 | **1,096,100** |
| Liquid | 120,300 | 148,200 | 150,400 | 122,800 | **164,400** |
| Direct Applications of Primary Nutrient Materials: | | | | | |
| Dry Bagged | 19,100 | 20,200 | 17,800 | 16,500 | **23,300** |
| Dry Bulk | 126,200 | 192,300 | 180,500 | 128,300 | **143,600** |
| Liquid | 224,500 | 233,300 | 271,000 | 184,200 | **221,000** |
| Total Fertilizer: | | | | | |
| Dry Bagged | 171,900 | 171,400 | 153,900 | 128,100 | **132,900** |
| Dry Bulk | 824,300 | 1,225,200 | 1,212,300 | 1,010,000 | **1,239,700** |
| Liquid | 344,800 | 381,500 | 421,300 | 307,000 | **385,600** |

1/ For year ending June 30 of year shown.

## SOYBEAN PRODUCTION, BY COUNTIES, 1979




TOP FIVE COUNTIES

| | | |
|---|---|---|
| New Madrid | 8,270,000 | bu. |
| Pemiscot | 7,180,000 | bu. |
| Stoddard | 6,528,000 | bu. |
| Mississippi | 6,481,000 | bu. |
| Chariton | 5,500,000 | bu. |

0 - 24,999 bu.

25,000 - 1,249,999 bu.

1,250,000 - 2,499,999 bu.

2,500,000 bu. and over

## SOYBEANS: PERCENTAGE DISTRIBUTION BY ROW WIDTH, MISSOURI, 1975-79 1/

| Year | Number of Samples | Row Width (inches) | | | | | | Average Row Width |
|---|---|---|---|---|---|---|---|---|
| | | 10.0 & Less | 10.1-18.5 | 18.6-28.5 | 28.5 Less | 28.6-34.5 | 34.6 & Greater | |
| | | -percent- | | | | | | |
| 1975 | 139 | - | - | - | 2.5 | 31.8 | 65.7 | 35.0 |
| 1976 | 141 | - | - | - | 7.6 | 30.6 | 61.9 | 34.3 |
| 1977 | 139 | 2.9 | .7 | 2.2 | - | 38.5 | 55.7 | 34.5 |
| 1978 | 134 | 3.8 | .7 | 3.0 | - | 45.1 | 47.4 | 33.8 |
| **1979** | **138** | **5.1** | **1.8** | **3.6** | **-** | **43.1** | **46.4** | **32.5** |

1/ Based on Soybean Objective Yield Survey.

## MISSOURI SOYBEAN VARIETIES, BY DISTRICT, 1979
## VARIETIES AS PERCENT OF TOTAL PLANTED ACREAGE

| District | Williams | Forrest | Mitchell | Clark 63 | Mack | Cutler 71 | Bedford | York | Essex | Others |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | -percent- | | | | | |
| N.W. | 77.4 | - | 4.7 | 5.7 | - | 3.6 | - | - | - | 8.6 |
| N.C. | 78.1 | - | 6.9 | 8.0 | - | 1.5 | - | - | - | 5.5 |
| N.E. | 63.1 | - | 15.8 | .7 | - | 6.8 | - | - | - | 13.6 |
| W.C. | 56.2 | - | 5.2 | 15.4 | - | - | - | 5.1 | 14.3 | 3.8 |
| C. | 57.6 | - | 8.9 | 21.6 | - | 2.2 | .9 | - | 2.2 | 6.6 |
| E.C. | 68.9 | - | 9.2 | 3.6 | - | .4 | - | 3.2 | 2.8 | 11.9 |
| S.W. | 6.3 | 20.5 | 12.5 | - | - | - | - | 18.8 | 6.3 | 35.6 |
| S.C. | - | 30.0 | 20.0 | 10.0 | - | - | - | 20.0 | - | 20.0 |
| S.E. | .9 | 52.3 | - | .7 | 20.5 | - | 7.7 | 2.6 | 1.5 | 13.8 |
| STATE | 48.7 | 14.8 | 6.5 | 5.6 | 5.5 | 2.2 | 2.1 | 1.9 | 1.9 | 10.8 |

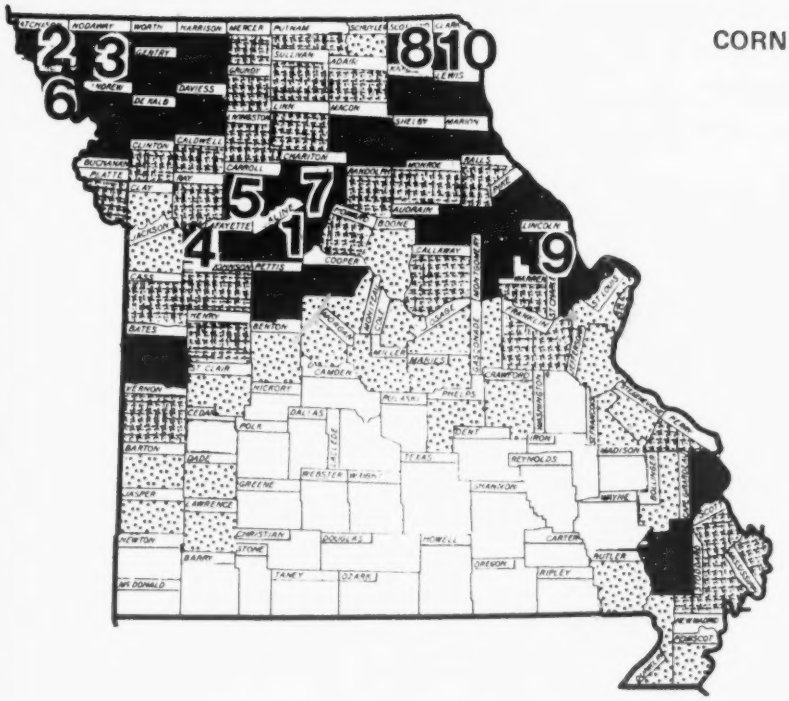
## SOYBEANS FOR BEANS: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 Harvested Acres | 1978 Yield Per Acre | 1978 Production | 1979 Harvested Acres | 1979 Yield Per Acre | 1979 Production | 1979 Total Value |
|---|---|---|---|---|---|---|---|
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| ADAIR | 55,100 | 31.6 | 1,741,000 | 56,800 | 34.8 | 1,975,000 | 11,929.0 |
| ANDREW | 67,600 | 30.4 | 2,054,000 | 76,500 | 34.2 | 2,615,000 | 15,638.0 |
| ATCHISON | 86,200 | 37.4 | 3,223,000 | 112,000 | 37.1 | 4,155,000 | 24,847.0 |
| AUDRAIN | 184,000 | 27.9 | 5,129,000 | 175,000 | 27.4 | 4,790,000 | 29,794.0 |
| BARRY | 1,200 | 23.9 | 28,700 | 1,700 | 22.5 | 38,200 | 225.2 |
| BARTON | 106,000 | 23.6 | 2,502,000 | 96,600 | 26.7 | 2,579,000 | 15,216.0 |
| BATES | 65,500 | 21.0 | 1,376,000 | 68,700 | 27.1 | 1,862,000 | 11,023.0 |
| BENTON | 17,400 | 27.9 | 485,000 | 23,600 | 34.7 | 820,000 | 4,953.0 |
| BOLLINGER | 17,900 | 25.8 | 461,000 | 19,300 | 26.3 | 507,000 | 3,118.0 |
| BOONE | 53,400 | 25.3 | 1,351,000 | 59,200 | 30.0 | 1,777,000 | 10,733.0 |
| BUCHANAN | 59,000 | 27.0 | 1,592,000 | 64,300 | 35.0 | 2,269,000 | 13,569.0 |
| BUTLER | 118,000 | 24.7 | 2,917,000 | 106,000 | 19.2 | 2,033,000 | 12,710.0 |
| CALDWELL | 50,600 | 26.8 | 1,356,000 | 60,900 | 33.1 | 2,015,000 | 12,050.0 |
| CALLAWAY | 45,500 | 27.0 | 1,228,000 | 43,300 | 26.0 | 1,126,000 | 6,801.0 |
| CAMDEN | 50 | 24.0 | 1,200 | 100 | 22.0 | 2,200 | 13.3 |
| CAPE GIRARDEAU | 59,000 | 27.1 | 1,601,000 | 63,000 | 29.5 | 1,857,000 | 11,609.0 |
| CARROLL | 131,000 | 34.2 | 4,479,000 | 140,000 | 38.0 | 5,321,000 | 32,139.0 |
| CARTER | -- | -- | -- | 50 | 20.0 | 1,000 | 6.1 |
| CASS | 45,400 | 22.2 | 1,009,000 | 45,400 | 32.5 | 1,477,000 | 8,744.0 |
| CEDAR | 3,600 | 17.7 | 64,000 | 4,200 | 27.4 | 115,000 | 681.0 |
| CHARITON | 147,000 | 30.6 | 4,497,000 | 159,500 | 34.5 | 5,500,000 | 33,220.0 |
| CHRISTIAN | 250 | 20.0 | 5,000 | 200 | 24.0 | 4,800 | 28.3 |
| CLARK | 83,100 | 31.6 | 2,624,000 | 90,400 | 37.6 | 3,401,000 | 21,154.0 |
| CLAY | 22,500 | 27.3 | 614,000 | 25,500 | 34.2 | 872,000 | 5,214.0 |
| CLINTON | 36,600 | 30.5 | 1,115,000 | 45,400 | 36.0 | 1,634,000 | 9,771.0 |
| COLE | 3,400 | 30.3 | 103,000 | 5,200 | 33.3 | 173,000 | 1,045.0 |
| COOPER | 46,500 | 29.0 | 1,348,000 | 54,500 | 34.1 | 1,861,000 | 11,240.0 |
| CRAWFORD | 450 | 31.6 | 14,200 | 700 | 32.1 | 22,500 | 140.0 |
| DADE | 27,700 | 22.5 | 623,000 | 18,800 | 25.0 | 470,000 | 2,773.0 |
| DALLAS | 250 | 22.8 | 5,700 | 200 | 24.0 | 4,800 | 29.0 |
| DAVIESS | 93,700 | 29.5 | 2,763,000 | 104,000 | 35.5 | 3,691,000 | 22,072.0 |
| DEKALB | 50,500 | 29.5 | 1,489,000 | 53,200 | 33.3 | 1,771,000 | 10,590.0 |
| DENT | 100 | 24.0 | 2,400 | -- | -- | -- | -- |
| DOUGLAS | 200 | 22.0 | 4,400 | -- | -- | -- | -- |
| DUNKLIN | 170,000 | 25.6 | 4,357,000 | 196,000 | 24.8 | 4,856,000 | 30,358.0 |
| FRANKLIN | 13,200 | 26.5 | 350,000 | 14,100 | 25.2 | 356,000 | 2,214.0 |
| GASCONADE | 5,000 | 25.4 | 127,000 | 5,300 | 27.7 | 147,000 | 914.5 |
| GENTRY | 64,600 | 27.4 | 1,769,000 | 68,600 | 35.7 | 2,449,000 | 14,645.0 |
| GREENE | 1,500 | 23.9 | 35,800 | 1,100 | 22.0 | 24,200 | 142.6 |
| GRUNDY | 79,700 | 29.1 | 2,318,000 | 87,000 | 33.2 | 2,885,000 | 17,425.0 |
| HARRISON | 66,500 | 30.3 | 2,014,000 | 76,500 | 34.5 | 2,638,000 | 15,775.0 |
| HENRY | 44,500 | 27.3 | 1,215,000 | 45,400 | 28.9 | 1,313,000 | 7,773.0 |
| HICKORY | 1,100 | 22.3 | 24,500 | 1,300 | 24.1 | 31,300 | 189.0 |
| HOLT | 85,300 | 34.6 | 2,950,000 | 116,000 | 37.1 | 4,304,000 | 25,738.0 |
| HOWARD | 38,300 | 30.4 | 1,164,000 | 44,700 | 31.1 | 1,392,000 | 8,408.0 |
| HOWELL | 50 | 22.0 | 1,100 | 300 | 22.3 | 6,700 | 41.2 |
| IRON | 200 | 23.0 | 4,600 | 150 | 22.0 | 3,300 | 20.3 |
| JACKSON | 26,100 | 26.7 | 697,000 | 31,800 | 33.7 | 1,073,000 | 6,352.0 |
| JASPER | 47,700 | 26.2 | 1,250,000 | 47,800 | 25.1 | 1,202,000 | 7,092.0 |
| JEFFERSON | 6,400 | 31.6 | 202,000 | 6,200 | 31.6 | 196,000 | 1,219.0 |
| JOHNSON | 40,100 | 27.4 | 1,099,000 | 44,900 | 33.2 | 1,492,000 | 8,833.0 |
| KNOX | 92,700 | 30.4 | 2,816,000 | 96,000 | 34.5 | 3,316,000 | 20,626.0 |
| LACLEDE | 400 | 22.3 | 8,900 | 700 | 25.0 | 17,500 | 105.7 |
| LAFAYETTE | 87,700 | 31.1 | 2,729,000 | 90,300 | 41.2 | 3,718,000 | 22,011.0 |
| LAWRENCE | 11,500 | 28.1 | 323,000 | 11,100 | 27.1 | 301,000 | 1,776.0 |
| LEWIS | 81,200 | 28.0 | 2,271,000 | 82,800 | 32.8 | 2,712,000 | 16,869.0 |
| LINCOLN | 44,600 | 26.4 | 1,178,000 | 51,200 | 31.8 | 1,627,000 | 10,120.0 |
| LINN | 74,500 | 33.2 | 2,475,000 | 84,300 | 31.9 | 2,686,000 | 16,223.0 |
| LIVINGSTON | 120,000 | 32.1 | 3,851,000 | 129,000 | 33.3 | 4,291,000 | 25,918.0 |
| MCDONALD | 200 | 22.0 | 4,400 | 250 | 22.0 | 5,500 | 32.4 |
| MACON | 96,200 | 24.9 | 2,394,000 | 99,200 | 29.3 | 2,910,000 | 17,577.0 |
| MADISON | 200 | 22.5 | 4,500 | 150 | 25.3 | 3,800 | 23.4 |
| MARIES | 250 | 25.6 | 6,400 | 200 | 20.0 | 4,000 | 24.2 |

## SOYBEANS FOR BEANS: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 Harvested Acres | 1978 Yield Per Acre | 1978 Production | 1979 Harvested Acres | 1979 Yield Per Acre | 1979 Production | Total Value |
|---|---|---|---|---|---|---|---|
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| MARION | 72,600 | 24.1 | 1,747,000 | 70,700 | 33.8 | 2,393,000 | 14,884.0 |
| MERCER | 29,800 | 29.5 | 878,000 | 36,000 | 35.8 | 1,288,000 | 7,780.0 |
| MILLER | 550 | 25.6 | 14,100 | 500 | 33.0 | 16,500 | 99.6 |
| MISSISSIPPI | 191,000 | 31.9 | 6,086,000 | 212,000 | 30.6 | 6,481,000 | 40,517.0 |
| MONITEAU | 15,600 | 27.1 | 423,000 | 18,000 | 37.8 | 681,000 | 4,113.0 |
| MONROE | 102,000 | 26.1 | 2,659,000 | 97,900 | 29.7 | 2,904,000 | 18,063.0 |
| MONTGOMERY | 64,800 | 24.4 | 1,583,000 | 64,100 | 29.9 | 1,914,000 | 11,905.0 |
| MORGAN | 7,800 | 29.7 | 232,000 | 9,100 | 37.7 | 343,000 | 2,072.0 |
| NEW MADRID | 284,000 | 27.1 | 7,707,000 | 310,000 | 26.7 | 8,270,000 | 51,702.0 |
| NEWTON | 11,900 | 18.4 | 219,000 | 9,300 | 25.2 | 234,000 | 1,381.0 |
| NODAWAY | 118,000 | 28.4 | 3,350,000 | 140,000 | 36.1 | 5,052,000 | 30,211.0 |
| OREGON | -- | -- | -- | -- | -- | -- | -- |
| OSAGE | 5,200 | 29.2 | 152,000 | 5,200 | 31.3 | 163,000 | 984.4 |
| OZARK | -- | -- | -- | -- | -- | -- | -- |
| PEMISCOT | 234,000 | 30.4 | 7,103,000 | 247,000 | 29.1 | 7,180,000 | 44,887.0 |
| PERRY | 27,000 | 26.3 | 710,000 | 30,300 | 37.8 | 1,146,000 | 7,128.0 |
| PETTIS | 68,600 | 25.5 | 1,748,000 | 66,000 | 34.3 | 2,266,000 | 13,687.0 |
| PHELPS | 650 | 25.8 | 16,800 | 400 | 29.8 | 11,900 | 71.8 |
| PIKE | 71,700 | 29.0 | 2,077,000 | 70,700 | 29.0 | 2,048,000 | 12,739.0 |
| PLATTE | 36,600 | 33.7 | 1,233,000 | 48,700 | 35.2 | 1,714,000 | 10,250.0 |
| POLK | 850 | 24.4 | 20,700 | 1,100 | 24.9 | 27,400 | 165.4 |
| PULASKI | 200 | 23.5 | 4,700 | 200 | 22.0 | 4,400 | 26.6 |
| PUTNAM | 20,100 | 30.0 | 604,000 | 24,600 | 32.6 | 801,000 | 4,838.0 |
| RALLS | 88,000 | 27.2 | 2,391,000 | 88,600 | 27.9 | 2,470,000 | 15,363.0 |
| RANDOLPH | 65,700 | 27.2 | 1,786,000 | 64,300 | 28.9 | 1,860,000 | 11,234.0 |
| RAY | 76,000 | 32.1 | 2,439,000 | 88,700 | 35.7 | 3,166,000 | 18,933.0 |
| REYNOLDS | 200 | 24.0 | 4,800 | 350 | 24.9 | 8,700 | 53.5 |
| RIPLEY | 13,300 | 24.2 | 322,000 | 14,200 | 21.2 | 301,000 | 1,851.0 |
| ST. CHARLES | 82,400 | 27.9 | 2,301,000 | 78,000 | 33.2 | 2,590,000 | 16,110.0 |
| ST. CLAIR | 22,900 | 20.8 | 476,000 | 23,300 | 28.4 | 662,000 | 3,919.0 |
| ST. FRANCOIS | 800 | 21.8 | 17,400 | 900 | 33.3 | 30,000 | 186.6 |
| ST. LOUIS | 17,900 | 33.1 | 593,000 | 18,000 | 32.8 | 590,000 | 3,670.0 |
| STE. GENEVIEVE | 6,700 | 33.7 | 226,000 | 7,500 | 34.7 | 260,000 | 1,617.0 |
| SALINE | 128,000 | 36.6 | 4,683,000 | 137,500 | 38.5 | 5,292,000 | 31,964.0 |
| SCHUYLER | 21,000 | 29.7 | 623,000 | 23,700 | 31.6 | 748,000 | 4,518.0 |
| SCOTLAND | 71,700 | 29.5 | 2,113,000 | 64,900 | 35.0 | 2,274,000 | 14,144.0 |
| SCOTT | 127,000 | 26.4 | 3,357,000 | 138,000 | 28.6 | 3,943,000 | 24,650.0 |
| SHANNON | 100 | 20.0 | 2,000 | -- | -- | -- | -- |
| SHELBY | 108,000 | 27.0 | 2,913,000 | 104,000 | 32.1 | 3,334,000 | 20,737.0 |
| STODDARD | 207,000 | 27.2 | 5,638,000 | 242,000 | 27.0 | 6,528,000 | 40,811.0 |
| STONE | 50 | 22.0 | 1,100 | 150 | 22.0 | 3,300 | 19.5 |
| SULLIVAN | 35,900 | 29.9 | 1,072,000 | 41,600 | 34.3 | 1,426,000 | 8,613.0 |
| TANEY | -- | -- | -- | 50 | 20.0 | 1,000 | 6.1 |
| TEXAS | 50 | 20.0 | 1,000 | 50 | 26.0 | 1,300 | 8.0 |
| VERNON | 73,200 | 21.3 | 1,560,000 | 70,000 | 26.5 | 1,856,000 | 10,987.0 |
| WARREN | 24,400 | 25.7 | 628,000 | 23,400 | 30.5 | 713,000 | 4,435.0 |
| WASHINGTON | 350 | 24.0 | 8,400 | 300 | 28.3 | 8,500 | 52.9 |
| WAYNE | 3,500 | 19.9 | 69,600 | 4,200 | 23.3 | 97,800 | 601.4 |
| WEBSTER | 100 | 23.0 | 2,300 | 150 | 22.0 | 3,300 | 20.2 |
| WORTH | 24,300 | 26.7 | 648,000 | 27,700 | 35.7 | 989,000 | 5,914.0 |
| WRIGHT | 100 | 23.0 | 2,300 | 50 | 22.0 | 1,100 | 6.8 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 938,000 | 30.5 | 28,609,000 | 1,108,000 | 35.5 | 39,334,000 | 235,217.0 |
| NORTH CENTRAL | 876,000 | 30.5 | 26,718,000 | 946,000 | 33.5 | 31,691,000 | 191,414.0 |
| NORTHEAST | 955,000 | 28.0 | 26,740,000 | 941,000 | 31.5 | 29,642,000 | 184,373.0 |
| WEST | 409,000 | 25.0 | 10,225,000 | 424,000 | 32.0 | 13,568,000 | 80,323.0 |
| CENTRAL | 434,000 | 30.0 | 13,020,000 | 471,000 | 34.0 | 16,014,000 | 96,725.0 |
| EAST | 294,000 | 27.0 | 7,938,000 | 300,000 | 32.0 | 9,600,000 | 59,712.0 |
| SOUTHWEST | 208,000 | 24.0 | 4,992,000 | 187,000 | 26.0 | 4,862,000 | 28,686.0 |
| SOUTH CENTRAL | 36,000 | 24.5 | 882,000 | 39,000 | 24.0 | 936,000 | 5,756.0 |
| SOUTHEAST | 1,390,000 | 27.9 | 38,766,000 | 1,514,000 | 27.2 | 41,148,000 | 257,244.0 |
| STATE | 5,540,000 | 28.5 | 157,890,000 | 5,930,000 | 31.5 | 186,795,000 | 1,139,450.0 |

## CORN PRODUCTION, BY COUNTIES, 1979




TOP FIVE COUNTIES

| | | |
|---|---|---|
| Saline | 12,005,000 | bu. |
| Atchison | 11,273,000 | bu. |
| Nodaway | 10,246,000 | bu. |
| Lafayette | 9,549,000 | bu. |
| Carroll | 8,016,000 | bu. |

0 - 100,000 bu.

100,000 - 1,499,999 bu.

1,500,000 - 2,999,999 bu.

3,000,000 bu. and over

## CORN FOR SILAGE, BY DISTRICTS, MISSOURI, 1978-79

| District & State | 1978 Harvested Acres | 1978 Yield | 1978 Production | 1979 Harvested Acres | 1979 Yield | 1979 Production |
|---|---|---|---|---|---|---|
| | -thous. acres- | -tons- | -thous. tons- | -thous. acres- | -tons- | -thous. tons- |
| Northwest | 22 | 12.2 | 268 | **18** | **13.6** | **244** |
| North Central | 13 | 10.4 | 135 | **15** | **12.8** | **192** |
| Northeast | 22 | 13.6 | 299 | **20** | **12.4** | **247** |
| West Central | 20 | 11.0 | 220 | **16** | **13.3** | **213** |
| Central | 25 | 12.8 | 320 | **20** | **13.4** | **268** |
| East Central | 15 | 12.8 | 192 | **12** | **13.0** | **156** |
| Southwest | 6 | 9.5 | 57 | **5** | **12.6** | **63** |
| South Central | 3 | 9.5 | 29 | **2** | **12.5** | **25** |
| Southeast | 6 | 10.7 | 64 | **4** | **12.0** | **48** |
| State | 132 | 12.0 | 1,584 | **112** | **13.0** | **1,456** |

## CORN FOR GRAIN: PERCENTAGE DISTRIBUTION BY ROW WIDTH, MISSOURI, 1975-79 1/

| Year | Number of Samples | Row Width (inches) 30.5 or Less | 30.6-32.5 | 32.6-34.5 | 34.6-36.5 | 36.6-38.5 | 38.6-40.5 | 40.6 & Greater | Average Row |
|---|---|---|---|---|---|---|---|---|---|
| | | -percent- | | | | | | | |
| 1975 | 145 | 15.9 | 9.7 | 1.4 | 8.3 | 39.9 | 18.6 | 6.2 | 36.3 |
| 1976 | 133 | 18.8 | 10.5 | 1.5 | 6.0 | 34.6 | 24.1 | 4.5 | 35.7 |
| 1977 | 153 | 17.6 | 8.5 | .6 | 10.5 | 37.9 | 21.6 | 3.3 | 35.9 |
| 1978 | 115 | 17.4 | 9.6 | .9 | 4.3 | 42.6 | 22.6 | 2.6 | 36.1 |
| **1979** | **134** | **26.9** | **15.7** | **.8** | **10.5** | **26.1** | **18.7** | **1.5** | **34.7** |

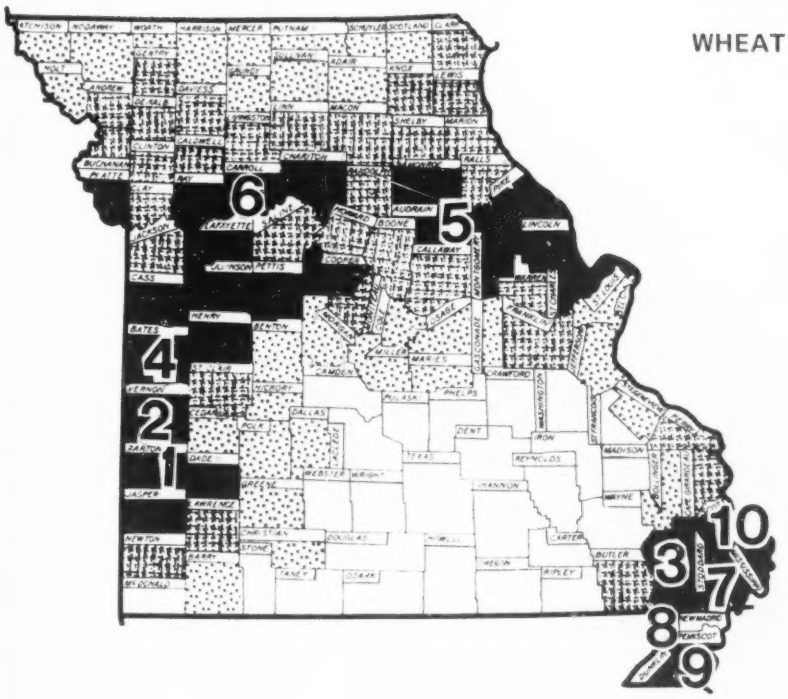
1/ Based on Corn Objective Yield Survey.

## CORN FOR GRAIN: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield Per Acre | Production | Harvested Acres | Yield Per Acre | Production | Value |
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| ADAIR | 26,400 | 92.2 | 2,435,000 | 23,200 | 106.7 | 2,475,000 | 5,692.0 |
| ANDREW | 39,100 | 83.2 | 3,255,000 | 39,200 | 92.4 | 3,623,000 | 8,234.0 |
| ATCHISON | 113,000 | 94.4 | 10,671,000 | 99,300 | 113.5 | 11,273,000 | 25,619.0 |
| AUDRAIN | 41,200 | 95.0 | 3,915,000 | 36,500 | 82.7 | 3,019,000 | 7,095.0 |
| BARRY | 700 | 61.4 | 43,000 | 1,000 | 85.0 | 85,000 | 205.7 |
| BARTON | 7,800 | 58.2 | 453,900 | 6,000 | 83.5 | 501,000 | 1,212.0 |
| BATES | 30,600 | 44.0 | 1,345,000 | 34,500 | 94.5 | 3,260,000 | 7,693.0 |
| BENTON | 6,900 | 78.1 | 539,000 | 7,600 | 89.8 | 682,800 | 1,659.0 |
| BOLLINGER | 5,200 | 83.0 | 431,800 | 5,800 | 88.8 | 515,000 | 1,257.0 |
| BOONE | 8,700 | 84.3 | 733,100 | 13,500 | 98.7 | 1,333,000 | 3,239.0 |
| BUCHANAN | 27,600 | 84.3 | 2,326,000 | 29,700 | 103.4 | 3,072,000 | 6,981.0 |
| BUTLER | 10,800 | 81.9 | 885,000 | 9,200 | 76.0 | 699,000 | 1,734.0 |
| CALDWELL | 13,700 | 79.2 | 1,085,000 | 18,500 | 95.4 | 1,765,000 | 4,011.0 |
| CALLAWAY | 15,900 | 83.7 | 1,331,000 | 23,500 | 77.8 | 1,829,000 | 4,445.0 |
| CAMDEN | 400 | 49.5 | 19,800 | 200 | 90.0 | 18,000 | 43.7 |
| CAPE GIRARDEAU | 30,900 | 88.0 | 2,719,000 | 30,700 | 106.0 | 3,255,000 | 8,072.0 |
| CARROLL | 49,400 | 90.1 | 4,453,000 | 68,700 | 116.7 | 8,016,000 | 18,437.0 |
| CARTER | 50 | 80.0 | 4,000 | -- | -- | -- | -- |
| CASS | 30,800 | 57.4 | 1,769,000 | 29,300 | 94.5 | 2,769,000 | 6,535.0 |
| CEDAR | 1,600 | 36.9 | 59,000 | 1,000 | 73.5 | 73,500 | 173.0 |
| CHARITON | 56,100 | 92.2 | 5,175,000 | 63,800 | 107.7 | 6,871,000 | 15,803.0 |
| CHRISTIAN | 400 | 63.5 | 25,400 | 500 | 85.0 | 42,500 | 102.8 |
| CLARK | 41,800 | 95.6 | 3,994,000 | 41,500 | 109.6 | 4,549,000 | 10,690.0 |
| CLAY | 12,500 | 72.1 | 901,000 | 11,400 | 105.4 | 1,202,000 | 2,732.0 |
| CLINTON | 21,100 | 87.3 | 1,842,000 | 25,700 | 109.5 | 2,815,000 | 6,397.0 |
| COLE | 7,000 | 88.3 | 618,000 | 7,500 | 97.8 | 733,800 | 1,783.0 |
| COOPER | 29,600 | 76.1 | 2,252,000 | 34,400 | 100.8 | 3,469,000 | 8,430.0 |
| CRAWFORD | 1,400 | 79.3 | 111,000 | 1,900 | 73.8 | 140,200 | 343.5 |
| DADE | 2,700 | 55.2 | 149,000 | 2,500 | 85.2 | 212,900 | 515.2 |
| DALLAS | 200 | 71.0 | 14,200 | 200 | 70.5 | 14,100 | 34.3 |
| DAVIESS | 32,200 | 92.4 | 2,975,000 | 34,200 | 110.5 | 3,780,000 | 8,590.0 |
| DEKALB | 25,400 | 93.4 | 2,372,000 | 29,900 | 108.5 | 3,245,000 | 7,375.0 |
| DENT | 300 | 79.0 | 23,700 | 500 | 84.6 | 42,300 | 103.2 |
| DOUGLAS | 100 | 69.0 | 6,900 | 100 | 70.0 | 7,000 | 17.1 |
| DUNKLIN | 6,700 | 106.7 | 715,000 | 3,700 | 80.0 | 296,000 | 734.0 |
| FRANKLIN | 19,800 | 79.8 | 1,581,000 | 19,700 | 81.7 | 1,610,000 | 3,945.0 |
| GASCONADE | 8,000 | 91.4 | 731,000 | 8,500 | 84.7 | 720,000 | 1,764.0 |
| GENTRY | 26,500 | 84.3 | 2,233,000 | 31,700 | 104.4 | 3,311,000 | 7,525.0 |
| GREENE | 2,200 | 60.0 | 132,000 | 900 | 77.0 | 69,300 | 167.7 |
| GRUNDY | 20,600 | 81.7 | 1,684,000 | 22,000 | 114.7 | 2,523,000 | 5,803.0 |
| HARRISON | 44,100 | 88.8 | 3,918,000 | 43,200 | 100.4 | 4,339,000 | 9,861.0 |
| HENRY | 19,700 | 69.4 | 1,368,000 | 20,200 | 94.5 | 1,909,000 | 4,505.0 |
| HICKORY | 800 | 66.9 | 53,500 | 900 | 74.8 | 67,300 | 163.6 |
| HOLT | 77,700 | 98.5 | 7,652,000 | 61,6[illegible] | 115.5 | 7,115,000 | 16,169.0 |
| HOWARD | 25,400 | 95.0 | 2,412,000 | 25,8[illegible] | 100.8 | 2,601,000 | 6,320.0 |
| HOWELL | 100 | 73.0 | 7,300 | 100 | 72.0 | 7,200 | 17.6 |
| IRON | 100 | 78.0 | 7,800 | 100 | 74.0 | 7,400 | 18.0 |
| JACKSON | 15,100 | 78.4 | 1,184,000 | 13,600 | 95.5 | 1,299,000 | 3,066.0 |
| JASPER | 3,000 | 58.3 | 175,000 | 2,600 | 89.0 | 231,400 | 560.0 |
| JEFFERSON | 2,800 | 95.0 | 266,100 | 2,700 | 86.7 | 234,100 | 573.5 |
| JOHNSON | 27,400 | 75.9 | 2,081,000 | 28,800 | 101.5 | 2,924,000 | 6,901.0 |
| KNOX | 33,100 | 92.4 | 3,060,000 | 37,300 | 109.5 | 4,086,000 | 9,602.0 |
| LACLEDE | 1,000 | 82.7 | 82,700 | 900 | 80.8 | 72,700 | 176.7 |
| LAFAYETTE | 83,200 | 80.9 | 6,734,000 | 84,800 | 112.6 | 9,549,000 | 22,536.0 |
| LAWRENCE | 1,400 | 64.6 | 90,500 | 1,500 | 79.0 | 118,500 | 286.8 |
| LEWIS | 42,700 | 90.9 | 3,881,000 | 44,300 | 101.8 | 4,509,000 | 10,596.0 |
| LINCOLN | 40,100 | 95.6 | 3,835,000 | 46,200 | 101.7 | 4,699,000 | 11,513.0 |
| LINN | 24,100 | 94.3 | 2,273,000 | 27,500 | 102.7 | 2,825,000 | 6,498.0 |
| LIVINGSTON | 13,600 | 97.5 | 1,326,000 | 17,500 | 93.7 | 1,640,000 | 3,772.0 |
| MCDONALD | 50 | 62.0 | 3,100 | 50 | 76.0 | 3,800 | 9.2 |
| MACON | 35,400 | 86.0 | 3,043,000 | 37,000 | 87.8 | 3,247,000 | 7,468.0 |
| MADISON | 200 | 55.0 | 11,000 | 350 | 91.1 | 31,900 | 77.8 |
| MARIES | 2,100 | 84.8 | 178,000 | 3,600 | 94.8 | 341,400 | 829.6 |

## CORN FOR GRAIN: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 Harvested Acres | 1978 Yield Per Acre | 1978 Production | 1979 Harvested Acres | 1979 Yield Per Acre | 1979 Production | 1979 Value |
|---|---|---|---|---|---|---|---|
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| MARION | 39,400 | 90.4 | 3,561,000 | 38,400 | 103.6 | 3,979,000 | 9,351.0 |
| MERCER | 23,300 | 86.5 | 2,015,000 | 27,500 | 106.7 | 2,934,000 | 6,748.0 |
| MILLER | 3,100 | 83.9 | 260,000 | 3,200 | 96.8 | 309,900 | 753.1 |
| MISSISSIPPI | 39,500 | 88.0 | 3,476,000 | 20,200 | 96.0 | 1,940,000 | 4,811.0 |
| MONITEAU | 8,200 | 75.0 | 615,100 | 9,200 | 93.8 | 863,000 | 2,097.0 |
| MONROE | 30,200 | 87.8 | 2,651,000 | 31,500 | 89.4 | 2,816,000 | 6,617.0 |
| MONTGOMERY | 36,900 | 94.0 | 3,470,000 | 37,100 | 99.7 | 3,698,000 | 9,060.0 |
| MORGAN | 4,200 | 79.8 | 335,000 | 4,900 | 105.8 | 518,600 | 1,260.0 |
| NEW MADRID | 19,400 | 107.0 | 2,076,000 | 16,100 | 122.0 | 1,965,000 | 4,873.0 |
| NEWTON | 700 | 65.7 | 46,000 | 800 | 84.5 | 67,600 | 163.6 |
| NODAWAY | 103,000 | 82.2 | 8,470,000 | 102,000 | 100.5 | 10,246,000 | 23,285.0 |
| OREGON | 50 | 68.0 | 3,400 | -- | -- | -- | -- |
| OSAGE | 9,500 | 89.4 | 849,100 | 8,900 | 94.8 | 844,000 | 2,051.0 |
| OZARK | 50 | 74.0 | 3,700 | 50 | 60.0 | 3,000 | 7.3 |
| PEMISCOT | 2,900 | 101.0 | 293,000 | 2,500 | 80.0 | 200,000 | 496.0 |
| PERRY | 20,100 | 92.5 | 1,859,000 | 18,100 | 103.6 | 1,876,000 | 4,596.0 |
| PETTIS | 24,600 | 75.6 | 1,859,000 | 30,800 | 103.8 | 3,198,000 | 7,771.0 |
| PHELPS | 1,700 | 94.7 | 161,000 | 1,700 | 99.8 | 169,600 | 412.2 |
| PIKE | 46,000 | 96.1 | 4,420,000 | 48,000 | 92.4 | 4,435,000 | 10,422.0 |
| PLATTE | 15,600 | 79.2 | 1,235,000 | 17,200 | 106.5 | 1,831,000 | 4,161.0 |
| POLK | 700 | 37.7 | 26,400 | 1,500 | 62.9 | 94,400 | 229.4 |
| PULASKI | 1,000 | 78.1 | 78,100 | 700 | 84.9 | 59,400 | 144.4 |
| PUTNAM | 17,000 | 87.0 | 1,479,000 | 20,100 | 100.7 | 2,024,000 | 4,655.0 |
| RALLS | 26,800 | 89.3 | 2,394,000 | 29,900 | 81.5 | 2,437,000 | 5,727.0 |
| RANDOLPH | 16,100 | 86.5 | 1,392,000 | 17,300 | 100.7 | 1,742,000 | 4,007.0 |
| RAY | 25,600 | 80.2 | 2,053,000 | 24,500 | 109.5 | 2,683,000 | 6,097.0 |
| REYNOLDS | 200 | 73.5 | 14,700 | 300 | 66.3 | 19,900 | 48.6 |
| RIPLEY | 300 | 58.0 | 17,400 | 200 | 66.0 | 13,200 | 32.2 |
| ST. CHARLES | 35,300 | 98.8 | 3,487,000 | 37,800 | 106.7 | 4,032,000 | 9,878.0 |
| ST. CLAIR | 6,600 | 50.9 | 336,000 | 5,200 | 85.5 | 444,500 | 1,049.0 |
| ST. FRANCOIS | 2,800 | 83.6 | 234,100 | 2,700 | 83.7 | 226,100 | 553.9 |
| ST. LOUIS | 4,000 | 95.5 | 382,100 | 3,200 | 98.6 | 315,500 | 773.0 |
| STE. GENEVIEVE | 14,600 | 86.7 | 1,266,000 | 13,100 | 100.7 | 1,319,000 | 3,232.0 |
| SALINE | 106,000 | 91.4 | 9,685,000 | 102,000 | 117.7 | 12,005,000 | 29,172.0 |
| SCHUYLER | 11,700 | 80.7 | 944,000 | 13,500 | 108.7 | 1,467,000 | 3,374.0 |
| SCOTLAND | 40,600 | 89.3 | 3,627,000 | 46,000 | 110.0 | 5,059,000 | 11,889.0 |
| SCOTT | 30,900 | 100.2 | 3,097,000 | 20,100 | 106.0 | 2,131,000 | 5,285.0 |
| SHANNON | 50 | 78.0 | 3,900 | 50 | 60.0 | 3,000 | 7.3 |
| SHELBY | 35,200 | 90.4 | 3,181,000 | 37,600 | 101.6 | 3,820,000 | 8,977.0 |
| STODDARD | 50,900 | 94.0 | 4,787,000 | 34,500 | 113.0 | 3,899,000 | 9,670.0 |
| STONE | 50 | 62.0 | 3,100 | 150 | 80.0 | 12,000 | 29.0 |
| SULLIVAN | 17,300 | 84.4 | 1,460,000 | 15,900 | 110.7 | 1,760,000 | 4,048.0 |
| TANEY | -- | -- | -- | -- | -- | -- | -- |
| TEXAS | 200 | 73.0 | 14,600 | 100 | 84.0 | 8,400 | 20.5 |
| VERNON | 22,000 | 42.5 | 934,000 | 18,600 | 86.5 | 1,608,000 | 3,795.0 |
| WARREN | 17,900 | 96.6 | 1,730,000 | 18,800 | 99.7 | 1,874,000 | 4,591.0 |
| WASHINGTON | 300 | 65.7 | 19,700 | 200 | 65.5 | 13,100 | 32.1 |
| WAYNE | 500 | 76.6 | 38,300 | 800 | 74.0 | 59,200 | 144.5 |
| WEBSTER | 400 | 59.0 | 23,600 | 400 | 85.0 | 34,000 | 83.0 |
| WORTH | 17,900 | 76.6 | 1,372,000 | 17,900 | 101.5 | 1,816,000 | 4,127.0 |
| WRIGHT | 200 | 59.5 | 11,900 | 150 | 90.0 | 13,500 | 32.9 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 595,000 | 88.0 | 52,360,000 | 586,000 | 106.0 | 62,116,000 | 141,164.0 |
| NORTH CENTRAL | 311,000 | 89.0 | 27,679,000 | 354,000 | 106.0 | 37,524,000 | 86,305.0 |
| NORTHEAST | 377,000 | 92.0 | 34,684,000 | 391,000 | 99.0 | 38,709,000 | 90,966.0 |
| WEST | 237,000 | 66.7 | 15,810,000 | 236,000 | 101.0 | 23,836,000 | 56,253.0 |
| CENTRAL | 257,000 | 86.0 | 22,102,000 | 281,000 | 104.0 | 29,224,000 | 71,014.0 |
| EAST | 204,000 | 93.0 | 18,972,000 | 210,000 | 98.8 | 20,757,000 | 50,855.0 |
| SOUTHWEST | 19,000 | 59.0 | 1,121,000 | 16,000 | 84.0 | 1,344,000 | 3,252.0 |
| SOUTH CENTRAL | 8,000 | 78.0 | 624,000 | 9,000 | 85.0 | 765,000 | 1,867.0 |
| SOUTHEAST | 192,000 | 94.0 | 18,048,000 | 137,000 | 105.0 | 14,385,000 | 35,675.0 |
| STATE | 2,200,000 | 87.0 | 191,400,000 | 2,220,000 | 103.0 | 228,660,000 | 537,351.0 |




## WHEAT PRODUCTION, BY COUNTIES, 1979

TOP FIVE COUNTIES

| | | |
|---|---|---|
| Barton | 3,377,000 | bu. |
| Vernon | 2,838,000 | bu. |
| Stoddard | 2,514,000 | bu. |
| Bates | 2,351,000 | bu. |
| Audrain | 2,204,000 | bu. |

0 - 49,999 bu.

50,000 - 399,999 bu.

400,000 - 999,999 bu.

1,000,000 bu. and over

## MISSOURI WHEAT VARIETIES, 1980 CROP, BY DISTRICTS

| Class & Variety | NW | NC | NE | W | C | E | SW | SC | SE | State |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | -percent- | | | | | |
| Hard Red Winter | | | | | | | | | | |
| Triumph | 13.6 | 1.1 | – | 2.3 | * | – | 3.5 | – | – | 2.5 |
| Parker | 9.1 | 2.0 | * | * | * | – | 4.6 | – | – | 2.0 |
| Centurk | 7.0 | – | * | 1.7 | * | – | * | – | * | 1.2 |
| Other | 12.8 | 2.0 | 1.4 | 2.6 | 4.1 | 0.2 | 1.1 | 14.6 | 0.1 | 2.6 |
| Total | 42.5 | 5.1 | 1.4 | 6.6 | 4.1 | 0.2 | 9.2 | 14.6 | 0.1 | 8.3 |
| Soft Red Winter | | | | | | | | | | |
| Arthur 71 | 13.9 | 33.1 | 20.6 | 42.4 | 29.4 | 11.7 | 32.0 | 20.4 | 41.3 | 29.4 |
| Arthur | 3.9 | 14.7 | 6.6 | 7.9 | 18.7 | 80.6 | 10.7 | 29.0 | 14.0 | 18.0 |
| Abe | 5.8 | 15.3 | 38.6 | 4.8 | 12.5 | 2.5 | 7.4 | 19.9 | 16.7 | 13.6 |
| Hart | 9.7 | 18.7 | 14.4 | 11.1 | 13.8 | 2.0 | 13.8 | 1.2 | 12.3 | 11.9 |
| Pioneer Variety S-76 | 11.5 | 3.7 | 3.0 | 7.3 | 6.7 | 1.2 | 1.3 | – | 1.1 | 4.3 |
| Oasis | * | 3.0 | 8.3 | 6.2 | 2.1 | * | 4.1 | – | 2.3 | 3.4 |
| Pioneer Variety S-78 | 8.7 | 4.0 | 1.9 | 4.0 | 6.6 | * | 1.2 | – | * | 3.2 |
| Pioneer Variety S-77 | 1.8 | * | 1.5 | 8.3 | 1.9 | * | 5.6 | – | – | 2.4 |
| McNair 1003 | * | – | * | – | – | – | 8.2 | – | 2.0 | 1.3 |
| Beau | – | 1.1 | 1.4 | * | – | * | – | – | 3.8 | 1.2 |
| Doublecrop | – | – | * | * | * | – | – | – | 2.2 | * |
| Other | 2.2 | 1.3 | 2.3 | 1.4 | 4.2 | 1.8 | 6.5 | 14.9 | 4.2 | 3.0 |
| Total | 57.5 | 94.9 | 98.6 | 93.4 | 95.9 | 99.8 | 90.8 | 85.4 | 99.9 | 91.7 |

* Less than 1% of this variety seeded in this district, included in other.

## WHEAT: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested For Grain | Yield Per Acre | Production | Harvested For Grain | Yield Per Acre | Production | Total Value |
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| ADAIR | 1,100 | 27.2 | 29,900 | 6,000 | 41.3 | 248,000 | 915.2 |
| ANDREW | 3,800 | 32.6 | 124,000 | 11,500 | 36.3 | 417,000 | 1,572.0 |
| ATCHISON | 2,100 | 26.3 | 55,300 | 5,100 | 46.3 | 236,000 | 889.9 |
| AUDRAIN | 16,000 | 32.3 | 516,000 | 41,700 | 52.9 | 2,204,000 | 8,441.0 |
| BARRY | 1,900 | 24.5 | 46,500 | 3,300 | 40.3 | 133,000 | 489.3 |
| BARTON | 32,600 | 35.3 | 1,152,000 | 69,800 | 48.4 | 3,377,000 | 12,428.0 |
| BATES | 25,300 | 36.4 | 921,000 | 47,200 | 49.8 | 2,351,000 | 8,757.0 |
| BENTON | 3,500 | 26.2 | 91,600 | 7,500 | 47.5 | 356,000 | 1,335.0 |
| BOLLINGER | 3,000 | 28.4 | 85,200 | 3,600 | 35.3 | 127,000 | 488.9 |
| BOONE | 8,500 | 29.1 | 247,000 | 14,200 | 48.9 | 695,000 | 2,606.0 |
| BUCHANAN | 8,800 | 32.5 | 286,000 | 16,900 | 41.8 | 707,000 | 2,665.0 |
| BUTLER | 13,900 | 33.2 | 462,000 | 30,800 | 24.1 | 741,000 | 2,949.0 |
| CALDWELL | 2,500 | 25.8 | 64,600 | 15,500 | 42.3 | 656,000 | 2,473.0 |
| CALLAWAY | 9,600 | 30.5 | 293,000 | 17,400 | 51.1 | 890,000 | 3,338.0 |
| CAMDEN | 200 | 24.0 | 4,800 | 200 | 35.0 | 7,000 | 26.2 |
| CAPE GIRARDEAU | 15,600 | 32.2 | 503,000 | 19,200 | 32.6 | 625,000 | 2,488.0 |
| CARROLL | 9,100 | 31.2 | 284,000 | 36,800 | 54.5 | 2,004,000 | 7,395.0 |
| CARTER | 50 | 26.0 | 1,300 | 50 | 26.0 | 1,300 | 5.0 |
| CASS | 9,900 | 30.8 | 305,000 | 21,200 | 50.2 | 1,064,000 | 3,963.0 |
| CEDAR | 8,900 | 26.6 | 237,000 | 7,800 | 47.7 | 372,000 | 1,386.0 |
| CHARITON | 7,600 | 30.3 | 230,000 | 22,100 | 48.0 | 1,060,000 | 3,911.0 |
| CHRISTIAN | 900 | 30.1 | 27,100 | 1,600 | 42.8 | 68,500 | 252.0 |
| CLARK | 3,200 | 24.5 | 78,500 | 9,400 | 46.0 | 432,000 | 1,654.0 |
| CLAY | 4,500 | 25.8 | 116,000 | 12,400 | 43.9 | 544,000 | 2,051.0 |
| CLINTON | 2,300 | 26.3 | 60,600 | 11,300 | 44.3 | 501,000 | 1,889.0 |
| COLE | 3,000 | 24.2 | 72,600 | 4,400 | 47.0 | 207,000 | 776.3 |
| COOPER | 15,600 | 26.2 | 408,000 | 25,700 | 55.2 | 1,418,000 | 5,317.0 |
| CRAWFORD | 850 | 29.8 | 25,300 | 1,100 | 24.3 | 37,700 | 146.7 |
| DADE | 14,400 | 34.0 | 489,000 | 25,300 | 45.3 | 1,146,000 | 4,217.0 |
| DALLAS | 700 | 25.1 | 17,600 | 1,600 | 34.6 | 55,400 | 207.7 |
| DAVIESS | 2,800 | 28.3 | 79,100 | 15,000 | 41.3 | 620,000 | 2,337.0 |
| DEKALB | 1,800 | 30.7 | 55,200 | 9,800 | 40.8 | 400,000 | 1,508.0 |
| DENT | 200 | 24.5 | 4,900 | 300 | 32.7 | 9,800 | 37.7 |
| DOUGLAS | 250 | 27.2 | 6,800 | 250 | 28.0 | 7,000 | 26.9 |
| DUNKLIN | 60,400 | 38.8 | 2,344,000 | 60,400 | 30.6 | 1,846,000 | 7,347.0 |
| FRANKLIN | 12,800 | 30.7 | 393,000 | 17,100 | 38.8 | 663,000 | 2,579.0 |
| GASCONADE | 3,300 | 24.7 | 81,600 | 6,200 | 32.7 | 203,000 | 789.7 |
| GENTRY | 3,200 | 25.4 | 81,200 | 10,800 | 42.3 | 457,000 | 1,723.0 |
| GREENE | 2,400 | 29.6 | 71,100 | 4,700 | 48.3 | 227,000 | 835.2 |
| GRUNDY | 2,400 | 30.2 | 72,400 | 8,100 | 38.5 | 312,000 | 1,151.0 |
| HARRISON | 850 | 23.9 | 20,300 | 9,400 | 38.3 | 360,000 | 1,357.0 |
| HENRY | 8,400 | 27.1 | 228,000 | 20,800 | 49.2 | 1,023,000 | 3,810.0 |
| HICKORY | 2,300 | 23.3 | 53,500 | 2,000 | 35.6 | 71,200 | 267.0 |
| HOLT | 3,300 | 29.7 | 98,000 | 8,900 | 37.3 | 332,000 | 1,252.0 |
| HOWARD | 8,800 | 34.0 | 299,000 | 13,700 | 44.7 | 612,000 | 2,295.0 |
| HOWELL | 750 | 24.4 | 18,300 | 450 | 26.2 | 11,800 | 45.4 |
| IRON | 50 | 30.0 | 1,500 | 50 | 36.0 | 1,800 | 6.9 |
| JACKSON | 5,700 | 33.9 | 193,000 | 13,700 | 47.8 | 655,000 | 2,440.0 |
| JASPER | 14,300 | 29.2 | 418,000 | 37,200 | 43.9 | 1,633,000 | 6,009.0 |
| JEFFERSON | 2,900 | 29.7 | 86,100 | 4,200 | 37.9 | 159,000 | 618.5 |
| JOHNSON | 8,600 | 34.9 | 300,000 | 19,900 | 52.7 | 1,049,000 | 3,907.0 |
| KNOX | 3,400 | 27.4 | 93,300 | 13,800 | 49.5 | 683,000 | 2,616.0 |
| LACLEDE | 1,200 | 28.1 | 33,700 | 1,300 | 36.2 | 47,000 | 176.2 |
| LAFAYETTE | 9,200 | 41.0 | 377,000 | 23,800 | 53.7 | 1,278,000 | 4,760.0 |
| LAWRENCE | 8,200 | 30.6 | 251,000 | 12,600 | 43.2 | 544,000 | 2,002.0 |
| LEWIS | 3,500 | 24.5 | 85,800 | 16,800 | 48.8 | 819,000 | 3,137.0 |
| LINCOLN | 17,400 | 38.2 | 664,000 | 23,000 | 49.2 | 1,131,000 | 4,400.0 |
| LINN | 1,500 | 30.2 | 45,300 | 11,500 | 41.3 | 475,000 | 1,753.0 |
| LIVINGSTON | 3,600 | 29.2 | 105,000 | 14,300 | 48.0 | 686,000 | 2,531.0 |
| MCDONALD | 400 | 22.5 | 9,000 | 450 | 37.8 | 17,000 | 62.5 |
| MACON | 1,700 | 29.2 | 49,600 | 13,200 | 49.5 | 653,000 | 2,409.0 |
| MADISON | 350 | 30.3 | 10,600 | 300 | 32.3 | 9,700 | 37.3 |
| MARIES | 1,200 | 31.0 | 37,200 | 3,000 | 36.7 | 110,000 | 412.4 |

## WHEAT: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested For Grain | Yield Per Acre | Production | Harvested For Grain | Yield Per Acre | Production | Total Value |
| | -acres- | -bushels- | | -acres- | -bushels- | | -thous. dollars- |
| MARION | 5,700 | 23.5 | 134,000 | 19,200 | 45.0 | 864,000 | 3,309.0 |
| MERCER | 800 | 30.3 | 24,200 | 4,100 | 33.9 | 139,000 | 513.0 |
| MILLER | 1,300 | 29.1 | 37,800 | 1,400 | 43.6 | 61,100 | 229.1 |
| MISSISSIPPI | 31,500 | 35.8 | 1,127,000 | 32,100 | 35.6 | 1,142,000 | 4,545.0 |
| MONITEAU | 6,400 | 24.2 | 155,000 | 11,000 | 50.4 | 554,000 | 2,078.0 |
| MONROE | 5,500 | 24.5 | 135,000 | 25,600 | 51.8 | 1,325,000 | 5,075.0 |
| MONTGOMERY | 17,100 | 41.1 | 703,000 | 27,300 | 50.7 | 1,383,000 | 5,380.0 |
| MORGAN | 2,200 | 29.1 | 64,000 | 5,500 | 46.2 | 254,000 | 952.4 |
| NEW MADRID | 36,900 | 37.8 | 1,394,000 | 51,700 | 37.4 | 1,933,000 | 7,693.0 |
| NEWTON | 9,800 | 21.6 | 212,000 | 11,800 | 37.6 | 444,000 | 1,634.0 |
| NODAWAY | 2,300 | 30.7 | 70,500 | 6,100 | 40.3 | 246,000 | 927.6 |
| OREGON | 500 | 27.4 | 13,700 | 250 | 26.4 | 6,600 | 25.4 |
| OSAGE | 3,300 | 28.1 | 92,800 | 3,600 | 40.3 | 145,000 | 543.7 |
| OZARK | 150 | 24.7 | 3,700 | 100 | 26.0 | 2,600 | 10.0 |
| PEMISCOT | 29,500 | 41.8 | 1,234,000 | 47,300 | 37.5 | 1,773,000 | 7,057.0 |
| PERRY | 15,200 | 35.7 | 542,000 | 19,300 | 36.3 | 701,000 | 2,727.0 |
| PETTIS | 11,900 | 32.0 | 381,000 | 24,400 | 53.0 | 1,293,000 | 4,849.0 |
| PHELPS | 1,000 | 24.2 | 24,200 | 1,200 | 35.2 | 42,200 | 158.2 |
| PIKE | 9,100 | 35.3 | 321,000 | 24,100 | 54.7 | 1,319,000 | 5,052.0 |
| PLATTE | 10,000 | 29.7 | 297,000 | 26,700 | 41.5 | 1,108,000 | 4,177.0 |
| POLK | 1,800 | 25.2 | 45,400 | 3,100 | 34.5 | 107,000 | 401.2 |
| PULASKI | 200 | 24.0 | 4,800 | 100 | 31.0 | 3,100 | 11.6 |
| PUTNAM | 150 | 30.0 | 4,500 | 2,100 | 34.8 | 73,000 | 269.4 |
| RALLS | 4,900 | 26.5 | 130,000 | 17,900 | 52.7 | 944,000 | 3,615.0 |
| RANDOLPH | 2,300 | 28.2 | 64,800 | 9,600 | 49.5 | 475,000 | 1,753.0 |
| RAY | 7,200 | 28.2 | 203,000 | 25,600 | 47.4 | 1,214,000 | 4,577.0 |
| REYNOLDS | 100 | 29.0 | 2,900 | 100 | 35.0 | 3,500 | 13.5 |
| RIPLEY | 1,200 | 32.3 | 38,700 | 1,400 | 26.1 | 36,600 | 140.8 |
| ST. CHARLES | 20,200 | 35.2 | 711,000 | 27,300 | 43.8 | 1,197,000 | 4,656.0 |
| ST. CLAIR | 8,700 | 33.8 | 294,000 | 20,500 | 43.2 | 885,000 | 3,296.0 |
| ST. FRANCOIS | 900 | 26.8 | 24,100 | 1,100 | 40.5 | 44,600 | 173.5 |
| ST. LOUIS | 7,400 | 29.7 | 220,000 | 9,300 | 41.9 | 390,000 | 1,517.0 |
| STE. GENEVIEVE | 8,200 | 33.2 | 272,000 | 8,200 | 34.4 | 282,000 | 1,097.0 |
| SALINE | 7,300 | 33.8 | 247,000 | 17,700 | 53.3 | 943,000 | 3,536.0 |
| SCHUYLER | 350 | 27.1 | 9,500 | 3,200 | 34.4 | 110,000 | 406.0 |
| SCOTLAND | 1,200 | 29.4 | 35,300 | 8,100 | 47.2 | 382,000 | 1,463.0 |
| SCOTT | 43,500 | 41.3 | 1,797,000 | 47,800 | 35.6 | 1,701,000 | 6,770.0 |
| SHANNON | 50 | 24.0 | 1,200 | 50 | 30.0 | 1,500 | 5.8 |
| SHELBY | 2,500 | 26.4 | 66,100 | 15,400 | 53.2 | 820,000 | 3,141.0 |
| STODDARD | 54,700 | 39.3 | 2,150,000 | 68,700 | 36.6 | 2,514,000 | 10,006.0 |
| STONE | 100 | 23.0 | 2,300 | 250 | 38.0 | 9,500 | 35.0 |
| SULLIVAN | 1,400 | 29.1 | 40,800 | 5,000 | 45.0 | 225,000 | 830.4 |
| TANEY | 150 | 25.3 | 3,800 | 100 | 26.0 | 2,600 | 10.0 |
| TEXAS | 100 | 24.0 | 2,400 | 250 | 30.0 | 7,500 | 28.9 |
| VERNON | 28,300 | 34.9 | 987,000 | 60,100 | 47.2 | 2,838,000 | 10,571.0 |
| WARREN | 8,600 | 33.7 | 290,000 | 11,600 | 43.6 | 506,000 | 1,968.0 |
| WASHINGTON | 150 | 26.0 | 3,900 | 300 | 35.7 | 10,700 | 41.6 |
| WAYNE | 500 | 29.4 | 14,700 | 550 | 28.4 | 15,600 | 60.1 |
| WEBSTER | 200 | 22.5 | 4,500 | 950 | 33.2 | 31,500 | 121.2 |
| WORTH | 550 | 24.0 | 13,200 | 3,000 | 32.7 | 98,000 | 369.5 |
| WRIGHT | 400 | 24.5 | 9,800 | 250 | 30.4 | 7,600 | 29.2 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 56,000 | 29.0 | 1,624,000 | 188,000 | 42.0 | 7,896,000 | 29,768.0 |
| NORTH CENTRAL | 32,000 | 30.0 | 960,000 | 136,000 | 47.5 | 6,460,000 | 23,837.0 |
| NORTHEAST | 55,000 | 29.0 | 1,595,000 | 192,000 | 51.0 | 9,792,000 | 37,503.0 |
| WEST | 113,000 | 34.0 | 3,842,000 | 230,000 | 49.0 | 11,515,000 | 42,890.0 |
| CENTRAL | 90,000 | 29.0 | 2,610,000 | 159,000 | 49.5 | 7,871,000 | 29,516.0 |
| EAST | 115,000 | 34.9 | 4,016,000 | 156,000 | 43.0 | 6,708,000 | 26,094.0 |
| SOUTHWEST | 85,000 | 31.5 | 2,678,000 | 167,000 | 45.5 | 7,599,000 | 27,964.0 |
| SOUTH CENTRAL | 8,000 | 28.0 | 224,000 | 9,000 | 31.6 | 284,000 | 1,093.0 |
| SOUTHEAST | 286,000 | 38.5 | 11,011,000 | 358,000 | 34.3 | 12,275,000 | 48,855.0 |
| STATE | 840,000 | 34.0 | 28,560,000 | 1,600,000 | 44.0 | 70,400,000 | 267,520.0 |

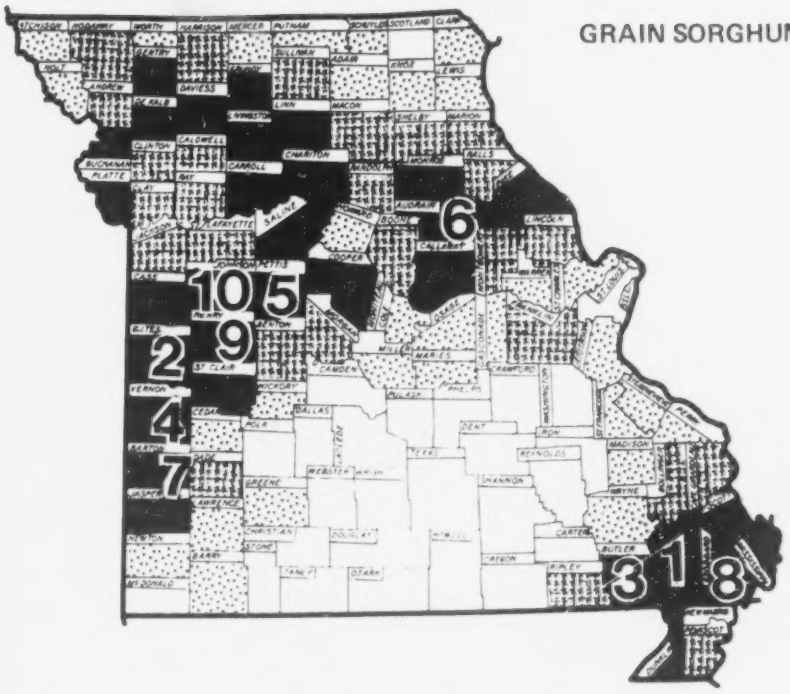
## SORGHUM FOR GRAIN: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 Harvested Acres | 1978 Yield per Acre | 1978 Production | 1979 Harvested Acres | 1979 Yield per Acre | 1979 Production | 1979 Value |
|---|---|---|---|---|---|---|---|
| | -acres- | (bu.) | (bu.) | -acres- | (bu.) | (bu.) | - thous. dol.- |
| ADAIR | 1,400 | 82.9 | 116,000 | 750 | 79.1 | 59,300 | 124.5 |
| ANDREW | 6,400 | 79.5 | 509,000 | 6,100 | 66.9 | 408,000 | 844.5 |
| ATCHISON | 3,000 | 87.7 | 263,000 | 2,500 | 78.0 | 195,000 | 403.6 |
| AUDRAIN | 30,600 | 100.9 | 3,087,000 | 30,700 | 81.5 | 2,501,000 | 5,502.0 |
| BARRY | 550 | 45.1 | 24,800 | 650 | 61.8 | 40,200 | 87.6 |
| BARTON | 26,600 | 80.3 | 2,137,000 | 24,600 | 81.7 | 2,010,000 | 4,382.0 |
| BATES | 47,200 | 70.2 | 3,314,000 | 46,700 | 78.8 | 3,681,000 | 7,914.0 |
| BENTON | 5,300 | 79.3 | 420,000 | 4,700 | 87.4 | 411,000 | 900.0 |
| BOLLINGER | 3,200 | 79.1 | 253,000 | 4,300 | 79.1 | 340,000 | 761.5 |
| BOONE | 5,600 | 68.4 | 383,000 | 4,500 | 77.1 | 347,000 | 760.0 |
| BUCHANAN | 7,700 | 85.5 | 658,000 | 7,300 | 77.9 | 569,000 | 1,178.0 |
| BUTLER | 43,300 | 71.3 | 3,088,000 | 38,200 | 83.9 | 3,205,000 | 7,271.0 |
| CALDWELL | 5,700 | 75.4 | 430,000 | 4,900 | 82.9 | 406,000 | 840.4 |
| CALLAWAY | 10,300 | 80.2 | 826,000 | 9,200 | 75.5 | 695,000 | 1,522.0 |
| CAMDEN | 150 | 54.0 | 8,100 | 150 | 60.0 | 9,000 | 19.7 |
| CAPE GIRARDEAU | 3,300 | 76.4 | 252,000 | 3,000 | 69.0 | 207,000 | 469.6 |
| CARROLL | 18,100 | 80.7 | 1,460,000 | 15,100 | 85.1 | 1,285,000 | 2,699.0 |
| CARTER | 50 | 50.0 | 2,500 | 50 | 56.0 | 2,800 | 6.3 |
| CASS | 19,600 | 72.2 | 1,416,000 | 16,900 | 89.8 | 1,518,000 | 3,264.0 |
| CEDAR | 2,100 | 57.1 | 120,000 | 2,600 | 71.9 | 187,000 | 402.0 |
| CHARITON | 11,100 | 85.8 | 952,000 | 7,000 | 82.1 | 575,000 | 1,207.0 |
| CHRISTIAN | 150 | 58.7 | 8,800 | 150 | 55.3 | 8,300 | 18.1 |
| CLARK | 1,400 | 86.4 | 121,000 | 1,100 | 84.5 | 93,000 | 204.6 |
| CLAY | 4,800 | 72.5 | 348,000 | 4,200 | 75.0 | 315,000 | 652.0 |
| CLINTON | 8,500 | 76.5 | 650,000 | 4,400 | 89.8 | 395,000 | 817.6 |
| COLE | 1,900 | 66.3 | 126,000 | 1,900 | 82.6 | 157,000 | 343.9 |
| COOPER | 15,000 | 81.1 | 1,217,000 | 11,700 | 87.5 | 1,024,000 | 2,243.0 |
| CRAWFORD | 600 | 71.0 | 42,600 | 450 | 66.4 | 29,900 | 66.4 |
| DADE | 4,500 | 78.4 | 353,000 | 5,000 | 73.8 | 369,000 | 804.6 |
| DALLAS | 200 | 51.0 | 10,200 | 250 | 69.6 | 17,400 | 38.1 |
| DAVIESS | 8,900 | 82.5 | 734,000 | 7,200 | 86.8 | 625,000 | 1,294.0 |
| DEKALB | 11,200 | 79.5 | 890,000 | 9,000 | 74.9 | 674,000 | 1,395.0 |
| DENT | 50 | 52.0 | 2,600 | 100 | 56.0 | 5,600 | 12.5 |
| DOUGLAS | 50 | 50.0 | 2,500 | 50 | 50.0 | 2,500 | 5.6 |
| DUNKLIN | 14,700 | 83.5 | 1,228,000 | 9,700 | 76.0 | 737,000 | 1,672.0 |
| FRANKLIN | 7,500 | 72.1 | 541,000 | 5,500 | 65.3 | 359,000 | 796.9 |
| GASCONADE | 2,300 | 67.0 | 154,000 | 2,400 | 75.4 | 181,000 | 401.8 |
| GENTRY | 9,000 | 69.4 | 625,000 | 6,200 | 85.8 | 532,000 | 1,101.0 |
| GREENE | 900 | 60.8 | 54,700 | 700 | 60.0 | 42,000 | 91.6 |
| GRUNDY | 10,100 | 74.6 | 753,000 | 5,800 | 96.9 | 562,000 | 1,180.0 |
| HARRISON | 10,000 | 73.4 | 734,000 | 4,800 | 72.9 | 350,000 | 724.4 |
| HENRY | 26,000 | 80.4 | 2,090,000 | 22,400 | 79.8 | 1,788,000 | 3,844.0 |
| HICKORY | 1,900 | 61.6 | 117,000 | 1,600 | 66.9 | 107,000 | 234.3 |
| HOLT | 2,100 | 86.7 | 182,000 | 1,700 | 80.0 | 136,000 | 281.5 |
| HOWARD | 4,200 | 74.3 | 312,000 | 2,700 | 71.5 | 193,000 | 422.6 |
| HOWELL | 50 | 50.0 | 2,500 | 50 | 60.0 | 3,000 | 6.7 |
| IRON | 100 | 56.0 | 5,600 | 100 | 71.0 | 7,100 | 15.9 |
| JACKSON | 7,300 | 79.5 | 580,000 | 5,400 | 83.9 | 453,000 | 974.0 |
| JASPER | 13,900 | 70.6 | 981,000 | 12,200 | 86.7 | 1,058,000 | 2,306.0 |
| JEFFERSON | 700 | 73.0 | 51,100 | 900 | 60.2 | 54,200 | 120.3 |
| JOHNSON | 26,300 | 80.4 | 2,115,000 | 21,000 | 84.8 | 1,781,000 | 3,829.0 |
| KNOX | 2,300 | 79.6 | 183,000 | 1,900 | 89.5 | 170,000 | 374.1 |
| LACLEDE | 150 | 58.7 | 8,800 | 350 | 61.7 | 21,600 | 47.3 |
| LAFAYETTE | 8,900 | 89.6 | 797,000 | 5,200 | 75.8 | 394,000 | 847.0 |
| LAWRENCE | 2,700 | 61.9 | 167,000 | 2,500 | 64.8 | 162,000 | 353.3 |
| LEWIS | 2,000 | 81.5 | 163,000 | 1,400 | 88.6 | 124,000 | 272.8 |
| LINCOLN | 4,500 | 86.7 | 390,000 | 4,900 | 92.2 | 452,000 | 1,004.0 |
| LINN | 9,800 | 97.0 | 951,000 | 7,000 | 84.1 | 589,000 | 1,237.0 |
| LIVINGSTON | 11,500 | 82.8 | 952,000 | 9,000 | 84.1 | 757,000 | 1,590.0 |
| MCDONALD | 50 | 44.0 | 2,200 | 50 | 56.0 | 2,800 | 6.1 |
| MACON | 4,000 | 82.8 | 331,000 | 3,400 | 90.0 | 306,000 | 642.4 |
| MADISON | 450 | 63.3 | 28,500 | 600 | 73.0 | 43,800 | 98.1 |
| MARIES | 650 | 71.2 | 46,300 | 1,300 | 59.8 | 77,700 | 170.1 |

## SORGHUM FOR GRAIN: ACREAGE, YIELD, PRODUCTION AND VALUE, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield per Acre | Production | Harvested Acres | Yield per Acre | Production | Value |
| | -acres- | (bu.) | (bu.) | -acres- | (bu.) | (bu.) | -thous. dol.- |
| MARION | 5,300 | 82.5 | 437,000 | 3,700 | 81.4 | 301,000 | 662.3 |
| MERCER | 4,100 | 68.5 | 281,000 | 2,500 | 74.4 | 186,000 | 390.6 |
| MILLER | 850 | 54.7 | 46,500 | 650 | 57.8 | 37,600 | 82.3 |
| MISSISSIPPI | 7,500 | 77.5 | 581,000 | 8,100 | 84.0 | 680,000 | 1,543.0 |
| MONITEAU | 12,100 | 70.4 | 852,000 | 10,300 | 80.6 | 830,000 | 1,818.0 |
| MONROE | 16,900 | 82.5 | 1,395,000 | 15,200 | 87.4 | 1,329,000 | 2,923.0 |
| MONTGOMERY | 4,600 | 73.9 | 340,000 | 3,000 | 80.3 | 241,000 | 534.9 |
| MORGAN | 5,200 | 78.3 | 407,000 | 4,200 | 78.6 | 330,000 | 722.7 |
| NEW MADRID | 22,200 | 97.8 | 2,171,000 | 22,600 | 88.8 | 2,008,000 | 4,555.0 |
| NEWTON | 1,600 | 58.9 | 94,300 | 1,100 | 59.0 | 64,900 | 141.6 |
| NODAWAY | 6,200 | 76.5 | 474,000 | 5,900 | 77.8 | 459,000 | 950.1 |
| OREGON | -- | -- | -- | 100 | 54.0 | 5,400 | 12.1 |
| OSAGE | 2,700 | 82.2 | 222,000 | 2,100 | 71.4 | 150,000 | 328.5 |
| OZARK | 50 | 50.0 | 2,500 | 50 | 50.0 | 2,500 | 5.6 |
| PEMISCOT | 5,400 | 90.7 | 490,000 | 4,100 | 83.9 | 344,000 | 780.4 |
| PERRY | 1,800 | 78.9 | 142,000 | 1,300 | 77.7 | 101,000 | 224.2 |
| PETTIS | 40,000 | 80.1 | 3,205,000 | 29,900 | 85.5 | 2,556,000 | 5,597.0 |
| PHELPS | 200 | 66.5 | 13,300 | 300 | 60.0 | 18,000 | 39.4 |
| PIKE | 10,500 | 101.9 | 1,070,000 | 7,900 | 76.5 | 604,000 | 1,329.0 |
| PLATTE | 17,400 | 85.5 | 1,487,000 | 15,200 | 78.9 | 1,199,000 | 2,482.0 |
| POLK | 200 | 49.0 | 9,800 | 400 | 61.8 | 24,700 | 54.1 |
| PULASKI | -- | -- | -- | -- | -- | -- | -- |
| PUTNAM | 1,100 | 74.5 | 82,000 | 550 | 77.1 | 42,400 | 89.0 |
| RALLS | 4,900 | 82.4 | 404,000 | 4,100 | 66.6 | 273,000 | 600.7 |
| RANDOLPH | 7,200 | 87.9 | 633,000 | 4,500 | 94.0 | 423,000 | 888.1 |
| RAY | 8,200 | 78.4 | 643,000 | 4,700 | 83.0 | 390,000 | 807.2 |
| REYNOLDS | -- | -- | -- | 50 | 60.0 | 3,000 | 6.7 |
| RIPLEY | 6,300 | 56.7 | 357,000 | 5,500 | 59.8 | 329,100 | 737.2 |
| ST. CHARLES | 850 | 78.8 | 67,000 | 850 | 93.5 | 79,500 | 176.5 |
| ST. CLAIR | 14,200 | 65.1 | 925,000 | 13,300 | 71.8 | 955,000 | 2,053.0 |
| ST. FRANCOIS | 600 | 63.7 | 38,200 | 750 | 74.4 | 55,800 | 123.9 |
| ST. LOUIS | 300 | 74.0 | 22,200 | 350 | 76.6 | 26,800 | 59.5 |
| STE. GENEVIEVE | 650 | 70.9 | 46,100 | 700 | 75.3 | 52,700 | 117.0 |
| SALINE | 11,400 | 95.8 | 1,092,000 | 6,800 | 77.5 | 527,000 | 1,154.0 |
| SCHUYLER | 800 | 80.0 | 64,000 | 800 | 79.1 | 63,300 | 132.9 |
| SCOTLAND | 700 | 81.4 | 57,000 | 300 | 86.7 | 26,000 | 57.2 |
| SCOTT | 15,000 | 90.7 | 1,360,000 | 16,700 | 86.9 | 1,451,000 | 3,292.0 |
| SHANNON | -- | -- | -- | 50 | 60.0 | 3,000 | 6.7 |
| SHELBY | 4,400 | 97.7 | 430,000 | 4,700 | 85.3 | 401,000 | 882.3 |
| STODDARD | 64,600 | 89.6 | 5,790,000 | 57,600 | 91.8 | 5,288,000 | 11,997.0 |
| STONE | 50 | 44.0 | 2,200 | 50 | 56.0 | 2,800 | 6.1 |
| SULLIVAN | 4,800 | 82.7 | 397,000 | 2,600 | 86.9 | 226,000 | 474.5 |
| TANEY | 100 | 46.0 | 4,600 | 100 | 51.0 | 5,100 | 11.4 |
| TEXAS | 50 | 50.0 | 2,500 | 150 | 50.7 | 7,600 | 17.0 |
| VERNON | 42,400 | 66.2 | 2,805,000 | 35,500 | 77.8 | 2,763,000 | 5,941.0 |
| WARREN | 1,500 | 72.7 | 109,000 | 1,700 | 86.5 | 147,000 | 326.3 |
| WASHINGTON | 100 | 68.0 | 6,800 | 200 | 70.5 | 14,100 | 31.3 |
| WAYNE | 1,400 | 71.1 | 99,600 | 1,600 | 79.4 | 127,000 | 284.4 |
| WEBSTER | 100 | 61.0 | 6,100 | 100 | 67.0 | 6,700 | 15.0 |
| WORTH | 900 | 70.0 | 63,000 | 900 | 74.4 | 67,000 | 138.7 |
| WRIGHT | 50 | 50.0 | 2,500 | 50 | 56.0 | 2,800 | 6.3 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 110,000 | 79.0 | 8,690,000 | 85,000 | 79.1 | 6,720,000 | 13,910.0 |
| NORTH CENTRAL | 84,000 | 83.0 | 6,972,000 | 59,000 | 86.0 | 5,074,000 | 10,655.0 |
| NORTHEAST | 79,000 | 93.0 | 7,347,000 | 71,000 | 82.0 | 5,822,000 | 12,808.0 |
| WEST | 194,000 | 73.0 | 14,162,000 | 169,000 | 80.0 | 13,520,000 | 29,068.0 |
| CENTRAL | 118,000 | 79.0 | 9,322,000 | 93,000 | 81.0 | 7,533,000 | 16,497.0 |
| EAST | 26,000 | 75.0 | 1,950,000 | 23,000 | 78.0 | 1,794,000 | 3,983.0 |
| SOUTHWEST | 51,000 | 75.0 | 3,825,000 | 47,000 | 80.0 | 3,760,000 | 8,197.0 |
| SOUTH CENTRAL | 12,000 | 64.3 | 772,000 | 13,000 | 69.0 | 897,000 | 2,009.0 |
| SOUTHEAST | 176,000 | 85.0 | 14,960,000 | 160,000 | 87.0 | 13,920,000 | 31,580.0 |
| STATE | 850,000 | 80.0 | 68,000,000 | 720,000 | 82.0 | 59,040,000 | 128,707.0 |

## GRAIN SORGHUM PRODUCTION, BY COUNTIES, 1979




TOP FIVE COUNTIES

| | | |
|---|---|---|
| Stoddard | 5,288,000 | bu. |
| Bates | 3,681,000 | bu. |
| Butler | 3,205,000 | bu. |
| Vernon | 2,763,000 | bu. |
| Pettis | 2,556,000 | bu. |

0 - 29,999 bu.

30,000 - 199,999 bu.

200,000 - 499,999 bu.

500,000 bu and over

## COTTON: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | | 1979 | | | |
|---|---|---|---|---|---|---|---|---|
| | Acreage | | Yield | Production | Acreage | | Yield | Production |
| | Planted | Harvested | | | Planted | Harvested | | |
| | -acres- | | pounds | 480 lb. bales | -acres- | | pounds | 480 lb. bales |
| Butler | 1,680 | 1,420 | 507 | 1,500 | 590 | 540 | 444 | 500 |
| Dunklin | 85,900 | 78,800 | 538 | 88,400 | 67,900 | 61,800 | 576 | 74,200 |
| Mississippi | 520 | 380 | 379 | 300 | 210 | 210 | 571 | 250 |
| New Madrid | 54,000 | 44,800 | 465 | 43,400 | 44,000 | 39,800 | 537 | 44,500 |
| Pemiscot | 48,100 | 38,600 | 429 | 34,500 | 30,100 | 21,000 | 526 | 23,000 |
| Scott | 7,100 | 6,900 | 536 | 7,700 | 5,700 | 5,550 | 480 | 5,550 |
| Stoddard | 12,700 | 11,100 | 528 | 12,200 | 8,500 | 8,100 | 533 | 9,000 |
| State | 210,000 | 182,000 | 496 | 188,000 | 157,000 | 137,000 | 550 | 157,000 |

## TOBACCO: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, 1978-79

| County | 1978 | | | 1979 | | |
|---|---|---|---|---|---|---|
| | Harvested Acres | Yield per Acre | Production | Harvested Acres | Yield per Acre | Production |
| | acres | pounds | thous. pounds | acres | pounds | thous. pounds |
| Boone | 28 | 1,895 | 53.1 | 30 | 2,090 | 62.7 |
| Buchanan | 435 | 2,320 | 1,009.0 | 430 | 2,290 | 984.7 |
| Chariton | 140 | 2,170 | 304.1 | 135 | 2,080 | 280.8 |
| Clay | 22 | 2,615 | 57.5 | 24 | 2,625 | 63.0 |
| Clinton | 19 | 2,195 | 41.7 | 30 | 2,240 | 67.2 |
| Howard | 195 | 2,570 | 501.2 | 185 | 2,340 | 432.9 |
| Platte | 1,530 | 2,250 | 3,443.0 | 1,530 | 2,320 | 3,550.0 |
| Other 1/ | 31 | 2,013 | 62.4 | 36 | 2,186 | 78.7 |
| State | 2,400 | 2,280 | 5,472.0 | 2,400 | 2,300 | 5,520.0 |

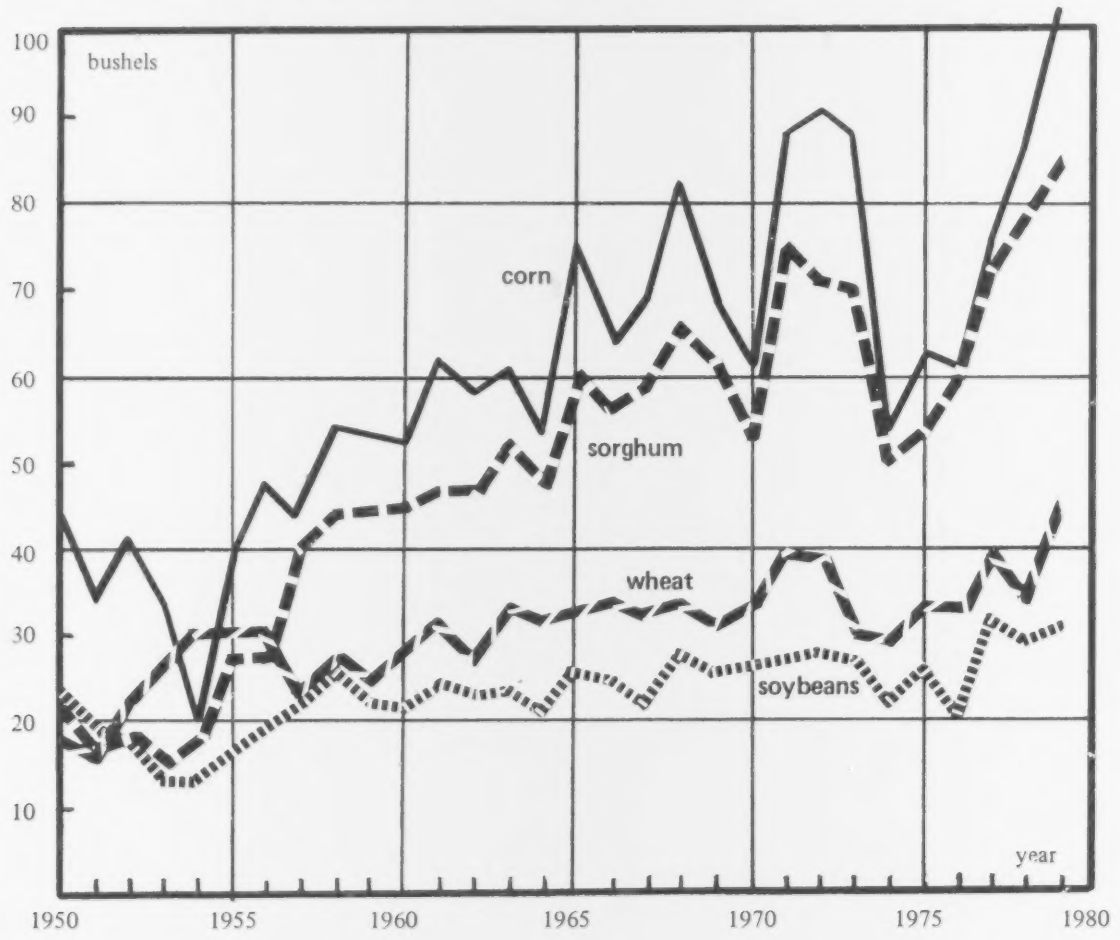
1/ Includes Andrew, Dekalb, Ray, Carroll, Randolph, St. Clair, Callaway, Cole, Moniteau, Saline, and Howell.

## RICE: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | |
|---|---|---|---|---|---|---|
| | Harvested Acres | Yield per Acre | Production | Harvested Acres | Yield per Acre | Production |
| | acres | pounds | cwt. | acres | pounds | cwt. |
| Butler | 21,700 | 4,400 | 954,000 | 25,300 | 3,780 | 956,310 |
| New Madrid | 1/ | 1/ | 1/ | 250 | 4,400 | 11,000 |
| Pemiscot | 300 | 4,470 | 13,400 | - | - | - |
| Ripley | 1,450 | 3,880 | 56,300 | 1,250 | 4,100 | 51,250 |
| Scott | 250 | 3,440 | 8,600 | 200 | 3,620 | 7,240 |
| Stoddard | 6,200 | 4,220 | 261,400 | 8,000 | 3,840 | 307,200 |
| Other | 100 | 4,300 | 4,300 | -- | -- | -- |
| State | 30,000 | 4,330 | 1,298,000 | 35,000 | 3,810 | 1,333,000 |

1/ Included in other counties.

## PRINCIPAL CROPS, YIELD PER ACRE, MISSOURI, 1950-79



## ALL HAY: ACREAGE, YIELD, PRODUCTION AND VALUE BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield Per Acre | Production | Harvested Acres | Yield Per Acre | Production | Value |
| | -acres- | -tons- | -tons- | -acres- | -tons- | -tons- | -thous. dol.- |
| ADAIR | 57,900 | 1.65 | 96,000 | 51,000 | 1.45 | 74,000 | 3,552.0 |
| ANDREW | 24,200 | 1.90 | 46,000 | 26,100 | 2.60 | 68,000 | 3,135.0 |
| ATCHISON | 11,500 | 2.80 | 32,000 | 10,800 | 2.50 | 27,000 | 1,245.0 |
| AUDRAIN | 32,300 | 1.65 | 53,000 | 29,800 | 1.70 | 51,000 | 2,550.0 |
| BARRY | 41,100 | 2.00 | 83,000 | 45,100 | 1.80 | 81,000 | 4,374.0 |
| BARTON | 32,600 | 1.65 | 54,000 | 36,200 | 1.60 | 58,000 | 3,132.0 |
| BATES | 48,900 | 1.45 | 72,000 | 52,800 | 1.50 | 79,000 | 3,871.0 |
| BENTON | 39,000 | 1.55 | 61,000 | 40,600 | 1.55 | 63,000 | 2,898.0 |
| BOLLINGER | 22,500 | 1.40 | 32,000 | 23,200 | 1.65 | 38,000 | 1,976.0 |
| BOONE | 38,400 | 1.50 | 57,000 | 35,600 | 1.65 | 59,000 | 2,714.0 |
| BUCHANAN | 15,400 | 1.90 | 29,000 | 14,400 | 1.65 | 24,000 | 1,106.0 |
| BUTLER | 8,100 | 1.50 | 12,000 | 7,600 | 1.25 | 9,500 | 428.0 |
| CALDWELL | 33,100 | 1.75 | 58,000 | 32,800 | 1.60 | 52,000 | 2,397.0 |
| CALLAWAY | 43,800 | 1.55 | 67,000 | 41,900 | 1.45 | 61,000 | 2,806.0 |
| CAMDEN | 15,500 | 1.55 | 24,000 | 17,800 | 1.50 | 27,000 | 1,242.0 |
| CAPE GIRARDEAU | 36,200 | 1.55 | 57,000 | 34,300 | 1.60 | 55,000 | 2,475.0 |
| CARROLL | 38,500 | 1.85 | 71,000 | 39,100 | 2.10 | 82,000 | 3,936.0 |
| CARTER | 7,100 | 1.70 | 12,000 | 6,700 | 1.40 | 9,000 | 468.0 |
| CASS | 50,500 | 1.70 | 87,000 | 56,200 | 1.95 | 109,000 | 5,341.0 |
| CEDAR | 29,800 | 1.40 | 42,000 | 33,900 | 1.70 | 58,000 | 2,842.0 |
| CHARITON | 47,000 | 1.85 | 87,000 | 44,300 | 1.90 | 84,000 | 4,032.0 |
| CHRISTIAN | 47,900 | 1.75 | 85,000 | 48,400 | 2.30 | 111,000 | 5,994.0 |
| CLARK | 26,800 | 1.65 | 44,000 | 25,000 | 1.95 | 49,000 | 2,450.0 |
| CLAY | 19,900 | 1.70 | 34,000 | 18,500 | 1.45 | 27,000 | 1,245.0 |
| CLINTON | 34,600 | 1.80 | 62,000 | 33,300 | 1.65 | 55,000 | 2,536.0 |
| COLE | 32,000 | 1.80 | 57,000 | 30,500 | 1.65 | 50,000 | 2,300.0 |
| COOPER | 32,400 | 1.65 | 53,000 | 30,500 | 1.85 | 56,000 | 2,576.0 |
| CRAWFORD | 19,900 | 1.60 | 32,000 | 17,900 | 1.50 | 27,000 | 1,350.0 |
| DADE | 32,700 | 1.55 | 51,000 | 32,400 | 1.60 | 52,000 | 2,808.0 |
| DALLAS | 40,800 | 1.65 | 68,000 | 38,100 | 1.70 | 65,000 | 2,990.0 |
| DAVIESS | 29,600 | 1.90 | 56,000 | 31,900 | 1.50 | 48,000 | 2,213.0 |
| DEKALB | 33,600 | 1.80 | 60,000 | 33,300 | 1.70 | 57,000 | 2,628.0 |
| DENT | 22,000 | 1.60 | 35,000 | 22,800 | 1.95 | 44,000 | 2,288.0 |
| DOUGLAS | 32,000 | 1.60 | 51,000 | 32,900 | 1.70 | 56,000 | 2,912.0 |
| DUNKLIN | 2,100 | 1.60 | 3,400 | 1,900 | 1.55 | 2,900 | 130.0 |
| FRANKLIN | 38,200 | 1.80 | 68,000 | 35,800 | 1.50 | 54,000 | 2,700.0 |
| GASCONADE | 19,400 | 1.55 | 30,000 | 18,900 | 1.40 | 26,000 | 1,300.0 |
| GENTRY | 33,500 | 1.65 | 55,000 | 33,800 | 1.65 | 56,000 | 2,582.0 |
| GREENE | 58,900 | 2.45 | 143,000 | 61,900 | 2.25 | 139,000 | 7,506.0 |
| GRUNDY | 29,900 | 1.65 | 49,000 | 29,400 | 1.90 | 56,000 | 2,688.0 |
| HARRISON | 63,400 | 1.75 | 111,000 | 61,200 | 1.85 | 113,000 | 5,210.0 |
| HENRY | 53,200 | 1.50 | 81,000 | 57,800 | 1.75 | 101,000 | 4,949.0 |
| HICKORY | 22,800 | 1.50 | 34,000 | 25,400 | 1.55 | 39,000 | 1,794.0 |
| HOLT | 13,300 | 2.50 | 33,000 | 13,500 | 2.15 | 29,000 | 1,337.0 |
| HOWARD | 25,300 | 1.60 | 40,000 | 26,700 | 1.60 | 43,000 | 1,978.0 |
| HOWELL | 35,900 | 1.70 | 61,000 | 37,800 | 1.75 | 66,000 | 3,432.0 |
| IRON | 7,600 | 1.45 | 11,000 | 8,200 | 1.55 | 13,000 | 676.0 |
| JACKSON | 20,300 | 1.65 | 34,000 | 18,900 | 1.65 | 31,000 | 1,519.0 |
| JASPER | 41,300 | 1.75 | 73,000 | 44,200 | 1.95 | 86,000 | 4,644.0 |
| JEFFERSON | 19,900 | 2.20 | 44,000 | 19,200 | 1.90 | 36,000 | 1,800.0 |
| JOHNSON | 72,000 | 1.55 | 112,000 | 73,300 | 1.75 | 128,000 | 6,272.0 |
| KNOX | 44,500 | 1.80 | 81,000 | 43,600 | 1.90 | 83,000 | 4,150.0 |
| LACLEDE | 41,400 | 1.70 | 71,000 | 41,300 | 1.90 | 78,000 | 3,588.0 |
| LAFAYETTE | 31,200 | 1.85 | 57,000 | 33,500 | 2.00 | 67,000 | 3,283.0 |
| LAWRENCE | 76,000 | 1.90 | 145,000 | 70,700 | 1.85 | 131,000 | 7,074.0 |
| LEWIS | 24,500 | 1.80 | 44,000 | 23,000 | 2.05 | 47,000 | 2,350.0 |
| LINCOLN | 26,900 | 1.75 | 47,000 | 26,000 | 1.75 | 45,000 | 2,250.0 |
| LINN | 62,700 | 1.65 | 103,000 | 57,200 | 1.75 | 100,000 | 4,800.0 |
| LIVINGSTON | 27,100 | 1.80 | 49,000 | 23,700 | 1.85 | 44,000 | 2,112.0 |
| MCDONALD | 21,200 | 2.00 | 42,000 | 21,900 | 2.25 | 49,000 | 2,646.0 |
| MACON | 55,600 | 1.55 | 86,000 | 52,500 | 1.65 | 87,000 | 4,176.0 |
| MADISON | 15,800 | 1.60 | 25,000 | 15,000 | 1.25 | 19,000 | 988.0 |
| MARIES | 31,600 | 1.75 | 56,000 | 29,200 | 2.20 | 64,000 | 2,944.0 |
| MARION | 25,600 | 2.30 | 59,000 | 24,400 | 2.25 | 55,000 | 2,750.0 |
| MERCER | 44,000 | 1.85 | 82,000 | 39,600 | 2.00 | 79,000 | 3,792.0 |

## ALL HAY: ACREAGE, YIELD, PRODUCTION AND VALUE BY COUNTIES, MISSOURI, 1978-79

| County | 1978 | | | 1979 | | | |
|---|---|---|---|---|---|---|---|
| | Harvested Acres | Yield Per Acre | Production | Harvested Acres | Yield Per Acre | Production | Value |
| | -acres- | -tons- | -tons- | -acres- | -tons- | -tons- | -thous. dol.- |
| MILLER | 28,100 | 1.65 | 46,000 | 26,700 | 1.65 | 44,000 | 2,024.0 |
| MISSISSIPPI | 2,000 | 2.20 | 4,400 | 2,000 | 1.50 | 3,000 | 135.0 |
| MONITEAU | 23,600 | 1.80 | 42,000 | 23,500 | 1.80 | 42,000 | 1,932.0 |
| MONROE | 41,500 | 1.95 | 81,000 | 39,300 | 1.90 | 75,000 | 3,750.0 |
| MONTGOMERY | 17,900 | 1.70 | 30,000 | 17,100 | 1.40 | 24,000 | 1,200.0 |
| MORGAN | 27,900 | 1.95 | 54,000 | 27,900 | 1.70 | 47,000 | 2,162.0 |
| NEW MADRID | 1,400 | 1.45 | 2,000 | 1,200 | 1.10 | 1,300 | 59.0 |
| NEWTON | 39,100 | 1.90 | 75,000 | 40,000 | 1.95 | 78,000 | 4,212.0 |
| NODAWAY | 61,500 | 2.00 | 123,000 | 59,400 | 2.25 | 134,000 | 6,177.0 |
| OREGON | 14,000 | 1.80 | 25,000 | 14,600 | 1.65 | 24,000 | 1,248.0 |
| OSAGE | 34,500 | 1.70 | 58,000 | 34,900 | 1.65 | 58,000 | 2,668.0 |
| OZARK | 14,600 | 1.45 | 21,000 | 15,700 | 1.30 | 20,000 | 1,040.0 |
| PEMISCOT | 1,600 | 2.65 | 4,200 | 1,700 | 2.20 | 3,700 | 166.0 |
| PERRY | 27,000 | 1.85 | 50,000 | 27,500 | 1.70 | 47,000 | 2,350.0 |
| PETTIS | 40,300 | 1.65 | 67,000 | 41,900 | 1.70 | 71,000 | 3,266.0 |
| PHELPS | 20,200 | 1.85 | 37,000 | 19,700 | 1.60 | 32,000 | 1,472.0 |
| PIKE | 29,800 | 2.00 | 59,000 | 29,600 | 2.10 | 62,000 | 3,100.0 |
| PLATTE | 17,200 | 1.75 | 30,000 | 18,000 | 1.60 | 29,000 | 1,337.0 |
| POLK | 55,000 | 1.40 | 76,000 | 55,200 | 1.70 | 94,000 | 4,324.0 |
| PULASKI | 21,000 | 1.60 | 34,000 | 17,800 | 1.75 | 31,000 | 1,426.0 |
| PUTNAM | 49,800 | 1.95 | 98,000 | 44,800 | 1.90 | 85,000 | 4,080.0 |
| RALLS | 18,500 | 1.80 | 33,000 | 17,200 | 1.75 | 30,000 | 1,500.0 |
| RANDOLPH | 23,300 | 1.75 | 41,000 | 24,700 | 1.70 | 42,000 | 2,016.0 |
| RAY | 37,500 | 1.75 | 65,000 | 37,800 | 1.70 | 64,000 | 2,950.0 |
| REYNOLDS | 7,300 | 1.35 | 10,000 | 7,500 | 1.45 | 11,000 | 572.0 |
| RIPLEY | 12,400 | 1.70 | 21,000 | 12,700 | 1.25 | 16,000 | 832.0 |
| ST. CHARLES | 14,400 | 1.90 | 27,000 | 13,100 | 1.65 | 22,000 | 1,100.0 |
| ST. CLAIR | 44,100 | 1.50 | 67,000 | 46,100 | 1.40 | 65,000 | 3,185.0 |
| ST. FRANCOIS | 25,100 | 1.40 | 35,000 | 22,900 | 1.45 | 33,000 | 1,650.0 |
| ST. LOUIS | 5,600 | 2.30 | 13,000 | 5,000 | 1.85 | 9,000 | 450.0 |
| STE. GENEVIEVE | 18,200 | 1.60 | 29,000 | 17,900 | 1.70 | 30,000 | 1,500.0 |
| SALINE | 27,400 | 2.05 | 56,000 | 29,800 | 1.80 | 54,000 | 2,484.0 |
| SCHUYLER | 38,500 | 1.55 | 60,000 | 34,500 | 1.85 | 64,000 | 3,072.0 |
| SCOTLAND | 30,500 | 1.85 | 56,000 | 29,000 | 1.95 | 57,000 | 2,850.0 |
| SCOTT | 6,000 | 1.65 | 10,000 | 6,400 | 1.35 | 8,600 | 387.0 |
| SHANNON | 9,900 | 1.80 | 18,000 | 11,600 | 2.00 | 23,000 | 1,196.0 |
| SHELBY | 24,000 | 1.70 | 41,000 | 26,100 | 1.95 | 51,000 | 2,550.0 |
| STODDARD | 12,600 | 1.50 | 19,000 | 11,900 | 1.50 | 17,000 | 765.0 |
| STONE | 20,200 | 1.50 | 30,000 | 20,200 | 1.80 | 36,000 | 1,944.0 |
| SULLIVAN | 81,700 | 1.85 | 151,000 | 74,200 | 1.75 | 130,000 | 6,240.0 |
| TANEY | 12,700 | 1.90 | 24,000 | 11,600 | 2.00 | 24,000 | 1,248.0 |
| TEXAS | 44,900 | 1.65 | 74,000 | 47,900 | 1.75 | 84,000 | 4,368.0 |
| VERNON | 45,000 | 1.80 | 80,000 | 46,500 | 1.60 | 74,000 | 3,626.0 |
| WARREN | 12,900 | 1.65 | 21,000 | 12,100 | 1.50 | 18,000 | 900.0 |
| WASHINGTON | 19,600 | 1.30 | 25,000 | 18,600 | 1.70 | 32,000 | 1,600.0 |
| WAYNE | 10,000 | 1.30 | 13,000 | 11,600 | 1.50 | 17,000 | 884.0 |
| WEBSTER | 42,400 | 1.75 | 74,000 | 46,700 | 1.85 | 86,000 | 4,472.0 |
| WORTH | 26,700 | 1.80 | 48,000 | 25,200 | 1.95 | 49,000 | 2,259.0 |
| WRIGHT | 47,900 | 1.50 | 73,000 | 47,500 | 1.80 | 86,000 | 4,472.0 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 455,000 | 1.85 | 842,000 | 450,000 | 1.85 | 832,000 | 38,357.0 |
| NORTH CENTRAL | 556,000 | 1.75 | 973,000 | 515,000 | 1.80 | 927,000 | 44,496.0 |
| NORTHEAST | 298,000 | 1.85 | 551,000 | 287,000 | 1.95 | 560,000 | 28,000.0 |
| WEST | 395,000 | 1.60 | 632,000 | 419,000 | 1.70 | 712,000 | 34,888.0 |
| CENTRAL | 641,000 | 1.65 | 1,058,000 | 635,000 | 1.70 | 1,078,000 | 49,588.0 |
| EAST | 265,000 | 1.70 | 451,000 | 252,000 | 1.60 | 403,000 | 20,150.0 |
| SOUTHWEST | 411,000 | 1.90 | 781,000 | 421,000 | 1.95 | 821,000 | 44,334.0 |
| SOUTH CENTRAL | 359,000 | 1.60 | 580,000 | 374,000 | 1.70 | 636,000 | 33,072.0 |
| SOUTHEAST | 70,000 | 1.60 | 112,000 | 67,000 | 1.50 | 101,000 | 4,545.0 |
| STATE | 3,450,000 | 1.75 | 5,980,000 | 3,420,000 | 1.77 | 6,070,000 | 297,430.0 |

## SEED CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Crop Year | Acreage Harvested | Yield Per Acre | Production | Value | |
|---|---|---|---|---|---|
| | | | | Per Pound | Total |
| | -thousands- | -pounds- | -thousand pounds- | -dollars- | -thousand dollars- |
| | | | -Orchardgrass Seed- | | |
| 1975 | 6.0 | 240 | 1,440 | .205 | 295 |
| 1976 | 5.0 | 205 | 1,025 | .245 | 251 |
| 1977 | 5.0 | 210 | 1,050 | .250 | 263 |
| 1978 | 4.0 | 200 | 800 | .295 | 236 |
| **1979** | **3.5** | **200** | **700** | **.395** | **277** |
| | | | -Tall Fescue Seed- | | |
| 1975 | 309 | 275 | 84,975 | .130 | 11,047 |
| 1976 | 255 | 235 | 59,925 | .190 | 11,386 |
| 1977 | 349 | 235 | 82,015 | .215 | 17,633 |
| 1978 | 415 | 300 | 124,500 | .105 | 13,073 |
| **1979** | **255** | **280** | **71,400** | **.215** | **15,351** |
| | | | -Red Clover Seed- | | |
| 1975 | 75 | 115 | 8,625 | .490 | 4,226 |
| 1976 | 65 | 85 | 5,525 | .585 | 3,232 |
| 1977 | 37 | 70 | 2,590 | .610 | 1,580 |
| 1978 | 40 | 95 | 3,800 | .580 | 2,204 |
| **1979** | **28** | **90** | **2,520** | **.600** | **1,512** |
| | | | -Timothy Seed- | | |
| 1975 | 16 | 180 | 2,880 | .105 | 302 |
| 1976 | 15 | 170 | 2,550 | .240 | 612 |
| 1977 | 11 | 160 | 1,760 | .420 | 739 |
| 1978 | 15 | 180 | 2,700 | .330 | 891 |
| **1979** | **7** | **190** | **1,330** | **.360** | **479** |
| | | | -Lespedeza Seed- | | |
| 1975 | 21.5 | 275 | 5,913 | .220 | 1,301 |
| 1976 | 16.0 | 205 | 3,280 | .285 | 935 |
| 1977 | 18.0 | 225 | 4,050 | .420 | 1,701 |
| 1978 | 15.0 | 230 | 3,450 | .280 | 966 |
| **1979** | **15.0** | **220** | **3,300** | **.195** | **644** |

## FRUITS: PRODUCTION, USE, AND VALUE, MISSOURI, 1975-79

| Crop Year | Production | | Season Average Price | Value of Utilized Production |
|---|---|---|---|---|
| | Total | Utilized | | |
| | -Apples- | | | |
| | (million pounds) | | (cents per lb.) | (thousand dollars) |
| 1975 | 77.0 | 67.0 | 12.4 | 8,308 |
| 1976 | 50.0 | 50.0 | 15.3 | 7,650 |
| 1977 | 58.0 | 58.0 | 12.0 | 6,960 |
| 1978 | 40.0 | 40.0 | 15.3 | 6,120 |
| **1979** | **70.0** | **70.0** | **13.2** | **9,240** |
| | -Peaches- | | | |
| 1975 | 23.0 | 23.0 | 15.6 | 3,588 |
| 1976 | 22.5 | 22.5 | 18.8 | 4,230 |
| 1977 | 11.0 | 11.0 | 20.0 | 2,200 |
| 1978 | 14.0 | 14.0 | 16.0 | 2,240 |
| **1979** | **12.0** | **12.0** | **21.5** | **2,580** |
| | -Grapes- | | | |
| | (tons) | | (dollars per ton) | (thousand dollars) |
| 1975 | 2,850 | 2,850 | 241.00 | 687 |
| 1976 | 1,750 | 1,750 | 228.00 | 399 |
| 1977 | 3,850 | 3,850 | 213.00 | 820 |
| 1978 | 3,300 | 3,300 | 231.00 | 762 |
| **1979** | **4,500** | **4,500** | **310.00** | **1,395** |

## APPLES: PRODUCTION BY VARIETIES, MISSOURI 1975-79 1/

| Year | Jonathan | Delicious | Golden Delicious | Winesap | All Other Varieties 2/ | Total All Varieties |
|---|---|---|---|---|---|---|
| | -million pounds- | | | | | |
| 1975 | 33.7 | 22.7 | 13.0 | 3.0 | 4.6 | 77.0 |
| 1976 | 19.5 | 16.8 | 8.5 | 2.0 | 3.2 | 50.0 |
| 1977 | 25.9 | 18.8 | 9.3 | 1.7 | 2.3 | 58.0 |
| 1978 | 12.8 | 16.6 | 7.9 | 1.2 | 1.5 | 40.0 |
| **1979** | **31.6** | **23.2** | **10.1** | **2.5** | **2.6** | **70.0** |

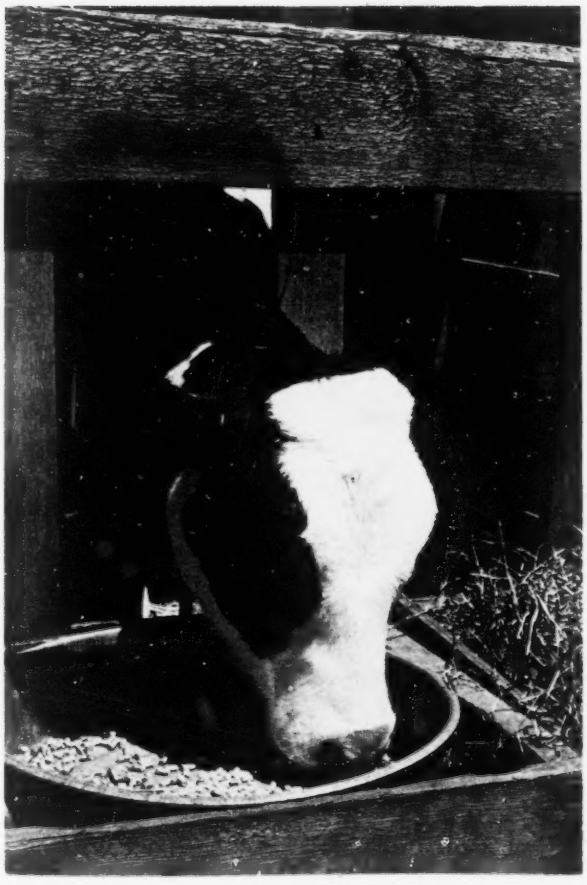
1/ Commercial production only.
2/ Includes Wealthy, Ben Davis, Gano, Stayman, York Imperial, Rome Beauty, and Grimes Golden.

## WATERMELONS FOR FRESH MARKET: ACREAGE, YIELD, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Crop Year | Acreage Harvested | Yield Per Acre | Production | Value | |
|---|---|---|---|---|---|
| | | | | Per Hundredweight | Total |
| | -acres- | -cwt.- | -thous. cwt.- | -dollars- | -thous. dollars- |
| 1975 | 4,300 | 115 | 495 | 3.33 | 1,648 |
| 1976 | 3,700 | 94 | 348 | 2.20 | 766 |
| 1977 | 4,200 | 125 | 525 | 3.00 | 1,575 |
| 1978 | 4,400 | 110 | 484 | 3.00 | 1,452 |
| **1979** | **4,100** | **140** | **574** | **3.25** | **1,866** |

# MISSOURI LIVESTOCK SUMMARY, 1979

Sales of livestock and livestock products were the major portion of Missouri's agricultural income in 1979, accounting for 57 percent of the State's farm receipts during the year. Cash receipts from livestock totaled 2.41 billion dollars in 1979, 15 percent above the previous year. Sharply higher prices for cattle, calves, sheep and lambs accounted for the rise.



**CATTLE:** There were 5.35 million head of cattle and calves on Missouri farms on January 1, 1980, 4 percent below a year earlier and 11 percent below January 1, 1978. The State's cattle inventory declined during 1979 for the fifth consecutive year. Missouri ranked sixth in cattle numbers behind Texas, Iowa, Nebraska, Kansas and Oklahoma. The value of all cattle and calves on farms January 1, 1980, was 2.59 billion dollars, an increase of 25 percent from the previous year. Missouri's inventory of 2.54 million cows and heifers that have calved was second only to Texas. Beef cows on January 1, 1980 totaled 2.27 million, down 1 percent from a year earlier, while milk cows numbered 270,000, down 2 percent from January 1, 1979. The number of calves born during 1979 totaled 2.43 million, a 1 percent decline from 1978. Nodaway County had the most cattle on January 1, 1980, with 115,700 head; followed by Lawrence County, 107,800 head; Johnson, 91,300 head; Texas, 91,000 head; and Bates, 88,800 head.

**HOGS:** Hogs on Missouri farms totaled 4.55 million head on December 1, 1979, 11 percent above a year earlier and 23 percent above December 1, 1977. Total value of the hogs was 254.8 million dollars, 27 percent below the previous year. Sows farrowing on Missouri farms during 1979, at 1,115,000, were 19 percent above 1978. The 1979 pig crop totaled 7,987,000 head, also 19 percent above the previous year. The top hog county in the State was Lafayette, with 164,900 head; followed by Nodaway, 155,500 head; Pike, 145,500 head; Lincoln, 145,200 head; and Audrain, 112,600 head.

**MILK:** Missouri milk production totaled 2.75 billion pounds in 1979, virtually the same as the previous year. Average production per cow was 10,174 pounds per year, 261 pounds above the 1978 average.

**SHEEP:** Sheep and lamb numbers continued their decline in Missouri in 1979, dropping 2 percent from a year earlier to 123,000 head. Total lamb crop, however, rose slightly from the previous year's record low to 107,000 head. Wool shorn amounted to 928,000 pounds during the year, the same as a year ago.

**POULTRY:** Chickens on Missouri farms dropped 3 percent from 1978, to 7.72 million birds in 1979. Hens and pullets of laying age totaled 6.15 million, 8 percent above the previous year. Eggs produced in 1979 totaled 1.39 billion, compared with 1.33 billion for the previous year.

Turkey growers raised almost 11.0 million turkeys in 1979, 4 percent more than in 1978. Breeder hens on Missouri farms on December 1, 1979, at 300,000 birds, were 30 percent above the previous year. Missouri once again ranked fifth in the number of turkeys raised in 1979.

**HONEY:** Missouri honey production totaled 7.94 million pounds in 1979, a 26 percent increase from a year earlier. Bee colonies numbered 124,000 during the year, with an average production of 64 pounds per colony.

## LIVESTOCK ON FARMS: NUMBER AND VALUE BY SPECIES, MISSOURI, JANUARY 1, 1976-80

| Year | All Cattle | | | All Hogs and Pigs 1/ | | |
|---|---|---|---|---|---|---|
| | | Value | | | Value | |
| | Number | Per Head | Total | Number | Per Head | Total |
| | -thousands- | -dollars- | -thousand dollars- | -thousands- | -dollars- | -thousand dollars- |
| 1976 | 6,600 | 170 | 1,122,000 | 3,200 | 84.50 | 270,400 |
| 1977 | 6,400 | 185 | 1,184,000 | 3,750 | 46.00 | 172,500 |
| 1978 | 6,000 | 210 | 1,260,000 | 3,700 | 64.50 | 238,650 |
| 1979 | 5,550 | 375 | 2,081,250 | 4,100 | 85.50 | 350,550 |
| **1980** | **5,350** | **485** | **2,594,750** | **4,550** | **56.00** | **254,800** |

| Year | All Sheep and Lambs | | | Milk Cows | | |
|---|---|---|---|---|---|---|
| | | Value | | | Value | |
| | Number | Per Head | Total | Number | Per Head | Total |
| | -thousands- | -dollars- | -thousand dollars- | -thousands- | -dollars- | -thousand dollars- |
| 1976 | 154 | 31.00 | 4,774 | 300 | 305 | 91,500 |
| 1977 | 134 | 32.50 | 4,355 | 310 | 340 | 105,400 |
| 1978 | 131 | 40.50 | 5,306 | 282 | 385 | 108,570 |
| 1979 | 126 | 50.50 | 6,363 | 276 | 580 | 160,660 |
| **1980** | **123** | **63.50** | **7,811** | **270** | **1,050** | **283,500** |

1/ December 1 preceding year.

## NUMBER OF LIVESTOCK FARMS, BY SPECIES, MISSOURI, 1975-79 1/

| Year | Farms with Cattle | Farms with Milk Cows | Farms with Hogs | Farms with Sheep |
|---|---|---|---|---|
| 1975 | 115,000 | 21,000 | 39,000 | 3,700 |
| 1976 | 113,000 | 20,000 | 38,000 | 3,500 |
| 1977 | 111,000 | 18,000 | 37,000 | 3,400 |
| 1978 | 108,000 | 15,000 | 35,000 | 3,400 |
| **1979** | **105,000** | **14,000** | **37,000** | **3,400** |

1/ One or more head on hand at any time during year.

## LIVESTOCK SLAUGHTER: NUMBER OF FEDERALLY INSPECTED PLANTS AND HEAD SLAUGHTERED, MISSOURI, 1975-79

| Year | Cattle | | Hogs | |
|---|---|---|---|---|
| | Number of Plants | Head Slaughtered | Number of Plants | Head Slaughtered |
| 1975 | 136 | 1,051,000 | 110 | 2,401,400 |
| 1976 | 138 | 927,700 | 121 | 2,794,300 |
| 1977 | 125 | 961,900 | 113 | 3,186,300 |
| 1978 | 120 | 993,900 | 110 | 2,785,000 |
| **1979** | **122** | **783,100** | **115** | **3,041,100** |

## LIVESTOCK SLAUGHTER: NUMBER OF HEAD AND LIVEWEIGHT BY SPECIE, BY MONTH, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Cattle (thousand head)- | | | | | | | |
| 1975 | 90.0 | 74.5 | 79.5 | 81.5 | 80.5 | 79.0 | 85.5 | 92.5 | 101.0 | 111.0 | 97.0 | 106.0 | 1,078.0 |
| 1976 | 107.0 | 93.0 | 106.0 | 63.5 | 56.0 | 69.5 | 70.5 | 76.0 | 75.0 | 83.5 | 78.5 | 74.5 | 953.0 |
| 1977 | 65.1 | 62.8 | 75.5 | 78.3 | 81.5 | 91.8 | 80.0 | 91.6 | 87.8 | 85.0 | 92.0 | 85.4 | 977.0 |
| 1978 | 91.2 | 84.1 | 88.5 | 81.8 | 86.7 | 82.2 | 79.4 | 85.2 | 81.5 | 81.2 | 80.6 | 82.3 | 1,004.6 |
| 1979 | 85.4 | 71.8 | 73.6 | 54.3 | 69.2 | 66.3 | 63.2 | 72.2 | 58.6 | 62.9 | 55.9 | 52.1 | 785.6 |
| | | | | | | -Cattle (thousand pounds liveweight)- | | | | | | | |
| 1975 | 90,450 | 76,660 | 81,328 | 81,663 | 81,386 | 78,526 | 82,764 | 89,355 | 97,162 | 108,447 | 96,030 | 103,350 | 1,067,121 |
| 1976 | 106,358 | 94,674 | 108,332 | 64,326 | 55,552 | 69,222 | 70,570 | 75,772 | 75,825 | 85,337 | 81,640 | 77,554 | 965,162 |
| 1977 | 67,069 | 65,189 | 78,978 | 81,532 | 85,393 | 95,227 | 81,585 | 90,876 | 87,337 | 85,535 | 93,062 | 87,488 | 999,270 |
| 1978 | 96,544 | 86,665 | 90,295 | 84,645 | 89,317 | 86,747 | 80,964 | 86,912 | 84,608 | 84,241 | 84,032 | 85,919 | 1,040,888 |
| 1979 | 88,654 | 74,713 | 76,102 | 57,230 | 74,287 | 71,112 | 66,260 | 75,076 | 61,521 | 66,361 | 60,108 | 56,553 | 827,977 |
| | | | | | | -Cattle (average liveweight pounds)- | | | | | | | |
| 1975 | 1,005 | 1,029 | 1,023 | 1,002 | 1,011 | 994 | 968 | 966 | 962 | 977 | 990 | 975 | 990 |
| 1976 | 994 | 1,018 | 1,022 | 1,013 | 992 | 996 | 1,001 | 997 | 1,011 | 1,022 | 1,040 | 1,041 | 1,012 |
| 1977 | 1,030 | 1,037 | 1,046 | 1,041 | 1,047 | 1,037 | 1,020 | 992 | 995 | 1,006 | 1,012 | 1,024 | 1,023 |
| 1978 | 1,059 | 1,030 | 1,020 | 1,035 | 1,030 | 1,055 | 1,020 | 1,020 | 1,038 | 1,037 | 1,042 | 1,044 | 1,036 |
| 1979 | 1,039 | 1,041 | 1,034 | 1,053 | 1,073 | 1,073 | 1,048 | 1,039 | 1,050 | 1,056 | 1,075 | 1,085 | 1,054 |
| | | | | | | -Calves (thousand head)- | | | | | | | |
| 1975 | 1.0 | 1.0 | .9 | 1.1 | 1.0 | .8 | 1.2 | 1.1 | 1.2 | 1.6 | 1.1 | 1.1 | 13.1 |
| 1976 | 1.2 | 1.3 | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 1.1 | 1.3 | 1.2 | 1.1 | 1.1 | 14.2 |
| 1977 | 1.1 | 1.4 | 2.4 | 2.2 | 3.2 | 1.4 | 1.2 | 1.1 | 2.1 | 3.7 | 3.7 | 2.0 | 25.6 |
| 1978 | 2.2 | 1.1 | 1.5 | 1.0 | 1.1 | 1.0 | .9 | 1.1 | 1.0 | 1.1 | 1.0 | 1.0 | 13.9 |
| 1979 | .7 | .8 | .8 | .6 | .7 | .7 | .7 | .7 | .6 | .6 | .7 | .6 | 8.2 |
| | | | | | | -Calves (thousand pounds liveweight)- | | | | | | | |
| 1975 | 285 | 290 | 237 | 297 | 250 | 194 | 304 | 289 | 295 | 413 | 295 | 262 | 3,411 |
| 1976 | 308 | 347 | 302 | 290 | 248 | 293 | 294 | 285 | 338 | 302 | 280 | 277 | 3,564 |
| 1977 | 289 | 270 | 429 | 534 | 890 | 377 | 235 | 307 | 348 | 619 | 541 | 293 | 5,132 |
| 1978 | 296 | 317 | 392 | 238 | 299 | 279 | 245 | 392 | 347 | 311 | 304 | 271 | 3,692 |
| 1979 | 229 | 239 | 259 | 167 | 222 | 208 | 188 | 199 | 184 | 196 | 222 | 181 | 2,493 |
| | | | | | | -Calves (average liveweight pounds)- | | | | | | | |
| 1975 | 285 | 290 | 263 | 270 | 250 | 242 | 253 | 263 | 246 | 258 | 268 | 238 | 260 |
| 1976 | 257 | 267 | 252 | 242 | 225 | 244 | 245 | 259 | 260 | 252 | 255 | 252 | 251 |
| 1977 | 264 | 187 | 180 | 248 | 279 | 273 | 191 | 269 | 167 | 166 | 145 | 146 | 201 |
| 1978 | 135 | 294 | 268 | 232 | 281 | 285 | 276 | 366 | 337 | 273 | 307 | 284 | 266 |
| 1979 | 316 | 304 | 312 | 296 | 297 | 298 | 288 | 304 | 306 | 307 | 303 | 316 | 304 |

## LIVESTOCK SLAUGHTER: NUMBER OF HEAD AND LIVEWEIGHT BY SPECIE, BY MONTH, MISSOURI, 1975-79 (CONT.)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **-Hogs (thousand head)-** | | | | | | | | | | | | | |
| 1975 | 217.0 | 192.0 | 213.0 | 238.0 | 210.0 | 175.0 | 163.0 | 175.0 | 210.0 | 208.0 | 203.0 | 211.0 | 2,415.0 |
| 1976 | 200.0 | 186.0 | 256.0 | 235.0 | 207.0 | 205.0 | 212.0 | 238.0 | 262.0 | 239.0 | 293.0 | 274.0 | 2,807.0 |
| 1977 | 240.1 | 222.3 | 295.9 | 286.7 | 260.1 | 234.4 | 213.5 | 277.0 | 291.0 | 295.2 | 318.9 | 261.6 | 3,196.8 |
| 1978 | 253.3 | 248.1 | 291.7 | 263.2 | 227.4 | 187.7 | 185.0 | 211.5 | 221.8 | 243.1 | 255.3 | 207.7 | 2,795.9 |
| 1979 | 221.5 | 202.9 | 264.3 | 262.0 | 267.0 | 244.3 | 244.3 | 274.2 | 161.2 | 328.1 | 289.1 | 257.7 | 3,016.7 |
| **-Hogs (thousand pounds liveweight)-** | | | | | | | | | | | | | |
| 1975 | 55,335 | 48,192 | 54,315 | 60,928 | 54,390 | 45,675 | 42,054 | 44,450 | 54,600 | 53,040 | 52,374 | 54,860 | 620,213 |
| 1976 | 52,000 | 46,872 | 64,256 | 58,045 | 51,957 | 52,275 | 53,636 | 58,786 | 64,714 | 59,272 | 74,715 | 70,692 | 707,220 |
| 1977 | 56,704 | 52,444 | 70,287 | 68,839 | 63,425 | 57,875 | 51,433 | 65,298 | 69,467 | 71,807 | 79,063 | 63,967 | 770,607 |
| 1978 | 61,041 | 58,778 | 69,502 | 64,229 | 56,916 | 47,631 | 46,746 | 52,684 | 55,560 | 62,350 | 67,005 | 55,477 | 697,919 |
| 1979 | 57,066 | 52,127 | 65,979 | 65,454 | 68,029 | 63,181 | 63,103 | 67,049 | 39,469 | 81,061 | 73,451 | 66,665 | 762,633 |
| **-Hogs (average liveweight pounds)-** | | | | | | | | | | | | | |
| 1975 | 255 | 251 | 255 | 256 | 259 | 261 | 258 | 254 | 260 | 255 | 258 | 260 | 257 |
| 1976 | 260 | 252 | 251 | 247 | 251 | 255 | 253 | 247 | 247 | 248 | 255 | 258 | 252 |
| 1977 | 236 | 236 | 238 | 240 | 244 | 247 | 241 | 236 | 239 | 243 | 248 | 245 | 241 |
| 1978 | 241 | 237 | 238 | 244 | 250 | 254 | 253 | 249 | 251 | 256 | 262 | 267 | 250 |
| 1979 | 258 | 257 | 250 | 250 | 255 | 259 | 258 | 245 | 245 | 247 | 254 | 259 | 253 |
| **-Sheep and Lambs (thousand head)-** | | | | | | | | | | | | | |
| 1975 | 1.7 | 1.3 | 1.7 | 1.1 | 1.3 | 1.4 | 1.7 | 1.7 | 2.2 | 1.8 | 1.8 | 1.7 | 19.4 |
| 1976 | 1.5 | 1.1 | 1.3 | 1.2 | 1.2 | 1.6 | 1.5 | 1.5 | 1.7 | 1.3 | 1.2 | 1.4 | 16.5 |
| 1977 | .9 | 1.1 | 1.4 | 1.2 | 1.6 | 1.6 | 1.3 | 1.5 | 1.4 | 1.2 | 1.1 | 1.3 | 15.6 |
| 1978 | 1.0 | .9 | 1.2 | 1.0 | 1.1 | 1.2 | 1.0 | 1.4 | 1.3 | 1.3 | 1.2 | 1.0 | 13.6 |
| 1979 | .9 | .8 | .9 | 1.3 | 1.0 | 1.1 | 1.4 | 1.3 | 1.1 | 1.6 | 1.0 | 1.3 | 13.6 |
| **-Sheep and Lambs (thousand pounds liveweight)-** | | | | | | | | | | | | | |
| 1975 | 177 | 135 | 173 | 104 | 126 | 134 | 158 | 163 | 213 | 178 | 184 | 173 | 1,918 |
| 1976 | 148 | 114 | 127 | 108 | 109 | 136 | 122 | 129 | 146 | 114 | 102 | 116 | 1,471 |
| 1977 | 96 | 121 | 150 | 115 | 143 | 153 | 123 | 137 | 133 | 116 | 109 | 124 | 1,520 |
| 1978 | 100 | 94 | 129 | 81 | 91 | 117 | 94 | 143 | 123 | 128 | 118 | 104 | 1,322 |
| 1979 | 75 | 84 | 98 | 129 | 96 | 106 | 137 | 135 | 107 | 158 | 108 | 140 | 1,373 |
| **-Sheep and Lambs (average liveweight pounds)-** | | | | | | | | | | | | | |
| 1975 | 104 | 104 | 102 | 95 | 97 | 96 | 93 | 96 | 97 | 99 | 102 | 102 | 99 |
| 1976 | 99 | 104 | 98 | 90 | 91 | 85 | 81 | 86 | 86 | 88 | 85 | 83 | 90 |
| 1977 | 105 | 110 | 107 | 95 | 91 | 98 | 93 | 93 | 95 | 96 | 95 | 94 | 97 |
| 1978 | 97 | 108 | 104 | 84 | 83 | 94 | 97 | 99 | 97 | 100 | 102 | 101 | 97 |
| 1979 | 82 | 106 | 105 | 101 | 100 | 99 | 98 | 100 | 99 | 100 | 106 | 109 | 101 |

## CATTLE AND CALVES: NUMBER ON FARMS BY CLASSES, MISSOURI, JANUARY 1, 1976-80

| Year | All Cattle | Milk Cows That Have Calved | Beef Cows That Have Calved | All Heifers 500 Pounds And Over | Steers, Heifers Bulls Under 500 Pounds | Steers 500 Pounds And Over | Bulls 500 Pounds And Over |
|---|---|---|---|---|---|---|---|
| | -thousand head- | | | | | | |
| 1976 | 6,600 | 300 | 2,700 | 811 | 1,970 | 667 | 152 |
| 1977 | 6,400 | 310 | 2,615 | 760 | 1,911 | 664 | 140 |
| 1978 | 6,000 | 282 | 2,418 | 726 | 1,805 | 643 | 126 |
| 1979 | 5,550 | 276 | 2,284 | 649 | 1,585 | 633 | 123 |
| **1980** | **5,350** | **270** | **2,270** | **603** | **1,575** | **514** | **118** |

## CATTLE AND CALVES: PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, MISSOURI, 1977-79

| Year | 1-49 Head | | 50-99 Head | | 100-499 Head | | 500 Head & Over | |
|---|---|---|---|---|---|---|---|---|
| | Operations | Inventory | Operations | Inventory | Operations | Inventory | Operations | Inventory |
| | -percent- | | | | | | | |
| 1977 1/ | 85.0 | 47.0 | - | - | 14.5 | 46.0 | 0.5 | 8.0 |
| 1978 | 66.0 | 21.0 | 18.0 | 25.5 | 15.5 | 45.0 | 0.5 | 8.5 |
| **1979** | **69.0** | **23.5** | **17.3** | **23.5** | **13.0** | **41.9** | **0.7** | **11.1** |

1/ In 1977, the two smallest size groups were combined.

## CATTLE AND CALVES: INVENTORY, CALF CROP AND DISPOSITION, MISSOURI, 1975-79 1/

| Year | On Hand January 1 | | Calves Born | Marketings 2/ | | Farm Slaughter Cattle and Calves | Deaths | |
|---|---|---|---|---|---|---|---|---|
| | All Cattle and Calves | All Cows That Have Calved | | Cattle | Calves | | Cattle | Calves |
| | -thousand head- | | | | | | | |
| 1975 | 6,800 | 3,070 | 2,800 | 2,075 | 607 | 48 | 95 | 225 |
| 1976 | 6,600 | 3,000 | 2,700 | 2,066 | 614 | 40 | 70 | 150 |
| 1977 | 6,400 | 2,925 | 2,600 | 2,085 | 650 | 35 | 90 | 180 |
| 1978 | 6,000 | 2,700 | 2,450 | 1,996 | 631 | 23 | 70 | 220 |
| **1979** | **5,550** | **2,560** | **2,430** | **1,828** | **601** | **16** | **65** | **160** |

1/ Balance sheet estimates. Total of marketings, farm slaughter, deaths and on hand at end of year equals total of calf crop, inshipments, and on hand beginning of year.
2/ Excludes interfarm sales.

## CATTLE AND CALVES: PRODUCTION AND INCOME, MISSOURI, 1975-79

| Year | Production | Marketings | Price per 100 Pounds | | Value of Production | Cash Receipts | Value of Home Consumption | Gross Income |
|---|---|---|---|---|---|---|---|---|
| | | | Cattle | Calves | | | | |
| | -thousand pounds- | | -dollars- | | -thousand dollars- | | | |
| 1975 | 2,061,935 | 2,100,095 | 31.10 | 26.90 | 635,270 | 647,318 | 36,435 | 683,753 |
| 1976 | 2,075,785 | 2,138,775 | 33.30 | 33.80 | 691,925 | 712,926 | 35,915 | 748,841 |
| 1977 | 1,945,345 | 2,187,240 | 33.50 | 36.90 | 655,021 | 736,781 | 31,413 | 768,194 |
| 1978 | 1,956,050 | 2,197,142 | 48.30 | 57.20 | 953,217 | 1,075,305 | 30,118 | 1,105,423 |
| **1979** | **1,941,740** | **2,066,453** | **66.60** | **84.30** | **1,324,[illegible]74** | **1,406,934** | **29,826** | **1,436,760** |

## NUMBER OF CATTLE FEEDLOTS AND FED CATTLE MARKETED, BY SIZE OF FEEDLOT, MISSOURI, 1975-79

| Year | Under 1,000 Head Feedlot Capacity | | 1,000 - 1,999 | | 2,000 & Over | | Total All Feedlots | |
|---|---|---|---|---|---|---|---|---|
| | Lots | Cattle Marketed | Lots | Cattle Marketed | Lots | Cattle Marketed | Lots | Cattle Marketed |
| | -no.- | -thous. head- | -no.- | -thous. head- | -no.- | -thous. head- | -no.- | -thous. head- |
| 1975 | 9,965 | 300 | 21 | 14 | 14 | 24 | 10,000 | 338 |
| 1976 | 7,966 | 300 | 22 | 20 | 12 | 26 | 8,000 | 346 |
| 1977 | 7,959 | 282 | 21 | 17 | 20 | 24 | 8,000 | 323 |
| 1978 | 7,970 | 253 | 14 | 18 | 16 | 22 | 8,000 | 293 |
| **1979** | **6,959** | **190** | **21** | **16** | **20** | **24** | **7,000** | **230** |

## CATTLE AND CALVES ON FEED: NUMBER BY CLASSES AND WEIGHT GROUPS, MISSOURI, 1975-80

| Year | Total on Feed | Steers and Steer Calves | | | | | Heifers and Heifer Calves | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Includes Cows & Others | Under 500 lbs. | 500-699 lbs. | 700-899 lbs. | 900-1099 lbs. | 1100 lbs. & Over | Under 500 lbs. | 500-699 lbs. | 700-899 lbs. | 900 lbs. & Over |
| | -thousand head- | | | | | | | | | |
| | | | | | **January 1** | | | | | |
| 1975 | 200 | 18 | 34 | 56 | 37 | 3 | 9 | 18 | 19 | 4 |
| 1976 | 260 | 17 | 52 | 61 | 36 | 3 | 19 | 34 | 29 | 6 |
| 1977 | 255 | 27 | 53 | 58 | 33 | 5 | 17 | 29 | 26 | 4 |
| 1978 | 220 | 19 | 42 | 43 | 38 | 3 | 17 | 29 | 20 | 7 |
| 1979 | 180 | 17 | 32 | 39 | 33 | 5 | 11 | 18 | 18 | 5 |
| **1980** | **120** | **4** | **18** | **26** | **29** | **7** | **3** | **11** | **15** | **7** |
| | | | | | **April 1** | | | | | |
| 1975 | 175 | 5 | 38 | 44 | 31 | 4 | 4 | 27 | 16 | 4 |
| 1976 | 210 | 6 | 38 | 53 | 40 | 6 | 6 | 31 | 22 | 6 |
| 1977 | 195 | 8 | 45 | 37 | 42 | 4 | 7 | 28 | 17 | 5 |
| 1978 | 185 | 10 | 40 | 39 | 27 | 2 | 8 | 28 | 24 | 5 |
| **1979** | **140** | **9** | **26** | **29** | **25** | **5** | **7** | **19** | **15** | **4** |
| | | | | | **July 1** | | | | | |
| 1975 | 170 | 4 | 27 | 51 | 32 | 5 | 2 | 17 | 26 | 4 |
| 1976 | 155 | 3 | 21 | 44 | 32 | 5 | 1 | 19 | 24 | 4 |
| 1977 | 140 | 4 | 18 | 36 | 24 | 4 | 3 | 20 | 26 | 4 |
| 1978 | 135 | 3 | 19 | 42 | 24 | 3 | 4 | 18 | 18 | 3 |
| **1979** | **95** | **2** | **10** | **22** | **24** | **4** | **1** | **10** | **17** | **4** |
| | | | | | **October 1** | | | | | |
| 1975 | 175 | 6 | 26 | 50 | 30 | 3 | 6 | 21 | 27 | 4 |
| 1976 | 170 | 6 | 31 | 51 | 32 | 2 | 4 | 15 | 21 | 6 |
| 1977 | 150 | 9 | 22 | 36 | 26 | 3 | 6 | 21 | 21 | 4 |
| 1978 | 125 | 4 | 16 | 36 | 24 | 4 | 4 | 15 | 16 | 5 |
| **1979** | **85** | **2** | **9** | **23** | **22** | **1** | **2** | **6** | **14** | **5** |

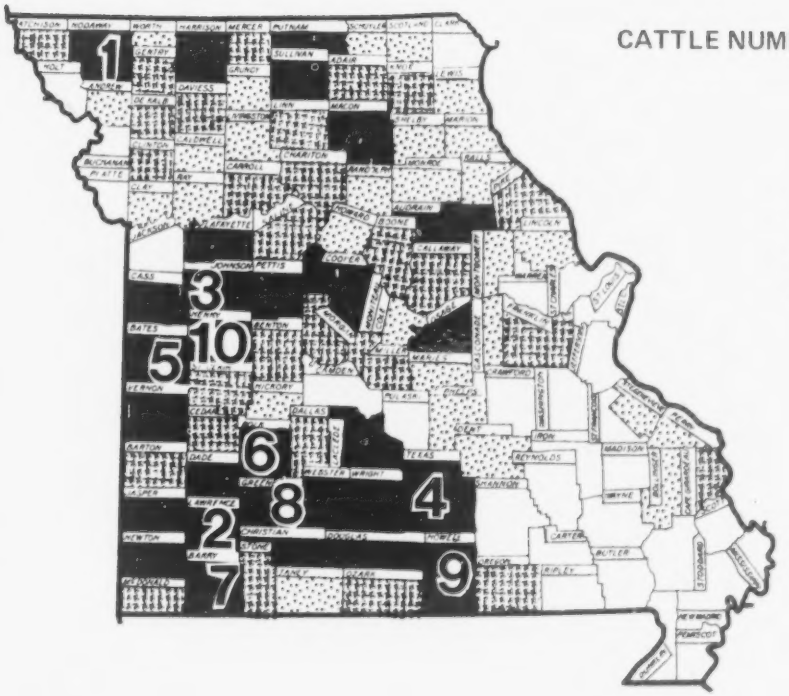
## CATTLE AND CALVES, BY COUNTIES AND DISTRICTS, MISSOURI, JANUARY 1, 1979-80

| County | Beef Cows | | Milk Cows | | All Cattle | | 1980 Value |
|---|---|---|---|---|---|---|---|
| | 1979 | 1980 | 1979 | 1980 | 1979 | 1980 | |
| | -head- | | | | | | -thous. dol.- |
| ADAIR | 25,200 | 24,700 | 1,0[illegible] | 1,000 | 51,300 | 50,300 | 24,656 |
| ANDREW | 17,900 | 18,100 | 3,70[illegible] | 3,600 | 45,800 | 44,200 | 22,866 |
| ATCHISON | 18,400 | 18,200 | 200 | 200 | 49,500 | 46,300 | 22,245 |
| AUDRAIN | 22,200 | 21,500 | 900 | 800 | 67,500 | 63,300 | 29,278 |
| BARRY | 34,200 | 34,600 | 8,000 | 8,000 | 89,900 | 87,400 | 43,191 |
| BARTON | 25,500 | 25,400 | 1,900 | 2,000 | 56,900 | 54,600 | 25,252 |
| BATES | 41,400 | 41,600 | 3,900 | 3,800 | 90,900 | 88,800 | 42,665 |
| BENTON | 25,500 | 25,500 | 2,400 | 2,400 | 55,800 | 54,000 | 26,020 |
| BOLLINGER | 16,800 | 15,800 | 200 | 200 | 35,000 | 31,800 | 14,004 |
| BOONE | 21,300 | 21,500 | 700 | 700 | 54,700 | 52,900 | 24,535 |
| BUCHANAN | 10,500 | 10,200 | 1,600 | 1,500 | 28,800 | 26,600 | 13,645 |
| BUTLER | 6,000 | 5,800 | 200 | 200 | 11,800 | 11,200 | 5,059 |
| CALDWELL | 19,100 | 19,100 | 600 | 600 | 45,000 | 42,800 | 21,556 |
| CALLAWAY | 25,600 | 25,700 | 900 | 900 | 60,100 | 58,200 | 27,045 |
| CAMDEN | 12,300 | 12,400 | 1,700 | 1,700 | 27,300 | 26,400 | 13,085 |
| CAPE GIRARDEAU | 21,000 | 20,600 | 4,100 | 3,600 | 49,000 | 47,500 | 23,041 |
| CARROLL | 23,200 | 23,000 | 1,600 | 1,500 | 58,100 | 57,800 | 28,551 |
| CARTER | 4,200 | 3,600 | 100 | 100 | 7,700 | 6,500 | 2,897 |
| CASS | 35,200 | 35,900 | 6,000 | 5,800 | 79,000 | 78,200 | 39,032 |
| CEDAR | 26,400 | 26,900 | 2,000 | 1,900 | 55,200 | 54,700 | 26,019 |
| CHARITON | 22,700 | 21,800 | 800 | 700 | 59,700 | 57,800 | 28,051 |
| CHRISTIAN | 30,000 | 30,900 | 7,400 | 7,300 | 73,400 | 72,800 | 36,343 |
| CLARK | 11,200 | 10,700 | 500 | 500 | 27,200 | 25,500 | 11,900 |
| CLAY | 14,100 | 13,800 | 100 | 100 | 37,600 | 35,000 | 16,784 |
| CLINTON | 16,900 | 17,400 | 1,800 | 1,700 | 52,500 | 50,500 | 25,188 |
| COLE | 18,100 | 18,200 | 3,500 | 3,400 | 42,700 | 41,300 | 20,770 |
| COOPER | 31,000 | 31,400 | 600 | 600 | 76,600 | 75,000 | 34,430 |
| CRAWFORD | 14,600 | 14,200 | 400 | 400 | 30,300 | 28,900 | 13,120 |
| DADE | 33,000 | 32,800 | 3,000 | 3,000 | 73,400 | 70,600 | 32,891 |
| DALLAS | 19,700 | 19,700 | 10,000 | 9,900 | 61,300 | 58,200 | 32,127 |
| DAVIESS | 19,100 | 18,900 | 900 | 900 | 48,400 | 47,000 | 23,017 |
| DEKALB | 18,900 | 18,800 | 2,000 | 2,000 | 50,100 | 47,700 | 24,039 |
| DENT | 18,600 | 18,300 | 500 | 500 | 40,300 | 38,300 | 17,015 |
| DOUGLAS | 28,800 | 28,800 | 6,200 | 6,100 | 68,500 | 66,400 | 32,487 |
| DUNKLIN | 1,500 | 1,400 | 100 | 100 | 3,400 | 3,100 | 1,426 |
| FRANKLIN | 19,400 | 19,000 | 4,900 | 4,600 | 55,900 | 52,800 | 26,225 |
| GASCONADE | 14,600 | 14,500 | 500 | 500 | 33,100 | 31,900 | 14,516 |
| GENTRY | 21,700 | 21,600 | 400 | 400 | 50,900 | 48,400 | 23,373 |
| GREENE | 27,800 | 28,500 | 8,700 | 8,600 | 89,100 | 86,700 | 43,229 |
| GRUNDY | 17,700 | 17,000 | 1,100 | 1,100 | 37,400 | 36,100 | 17,934 |
| HARRISON | 34,000 | 34,000 | 1,300 | 1,200 | 76,000 | 72,900 | 35,578 |
| HENRY | 36,000 | 37,400 | 3,300 | 3,100 | 81,500 | 82,000 | 39,155 |
| HICKORY | 16,600 | 16,500 | 2,900 | 2,900 | 39,400 | 38,000 | 19,045 |
| HOLT | 9,700 | 9,400 | 200 | 300 | 25,100 | 23,100 | 11,223 |
| HOWARD | 18,400 | 18,500 | 700 | 700 | 44,800 | 43,400 | 20,135 |
| HOWELL | 33,900 | 33,400 | 6,100 | 6,000 | 86,800 | 82,300 | 39,375 |
| IRON | 7,200 | 6,700 | 100 | 100 | 15,900 | 14,400 | 6,346 |
| JACKSON | 10,300 | 10,800 | 1,800 | 1,700 | 27,000 | 27,300 | 13,433 |
| JASPER | 26,500 | 26,500 | 5,900 | 5,900 | 73,400 | 70,600 | 34,564 |
| JEFFERSON | 8,800 | 8,800 | 1,800 | 1,700 | 20,100 | 19,500 | 9,686 |
| JOHNSON | 41,500 | 42,000 | 4,600 | 4,400 | 92,800 | 91,300 | 44,160 |
| KNOX | 20,000 | 19,200 | 600 | 600 | 49,000 | 46,000 | 21,287 |
| LACLEDE | 27,900 | 27,600 | 11,100 | 10,900 | 75,500 | 72,000 | 39,245 |
| LAFAYETTE | 26,800 | 27,400 | 5,500 | 5,300 | 75,200 | 73,900 | 36,778 |
| LAWRENCE | 40,800 | 41,300 | 11,300 | 11,200 | 110,900 | 107,800 | 54,042 |
| LEWIS | 17,000 | 15,700 | 600 | 600 | 37,200 | 34,000 | 15,828 |
| LINCOLN | 14,000 | 13,600 | 2,000 | 1,900 | 43,700 | 41,200 | 19,479 |
| LINN | 24,700 | 23,700 | 900 | 900 | 59,500 | 57,200 | 27,889 |
| LIVINGSTON | 16,900 | 16,500 | 900 | 900 | 38,600 | 37,900 | 18,669 |
| MCDONALD | 22,800 | 23,000 | 2,500 | 2,500 | 52,400 | 50,900 | 23,908 |
| MACON | 28,200 | 27,600 | 1,000 | 1,000 | 64,500 | 63,400 | 30,914 |
| MADISON | 8,900 | 8,400 | 100 | 100 | 19,800 | 18,100 | 7,963 |
| MARIES | 19,800 | 19,800 | 700 | 700 | 43,800 | 42,300 | 19,635 |
| MARION | 15,100 | 14,500 | 1,500 | 1,400 | 39,800 | 37,800 | 18,032 |
| MERCER | 24,300 | 23,500 | 1,400 | 1,300 | 52,500 | 50,900 | 25,130 |

## CATTLE AND CALVES, BY COUNTIES AND DISTRICTS, MISSOURI, JANUARY 1, 1979-80

| County | Beef Cows | | Milk Cows | | All Cattle | | 1980 Value |
|---|---|---|---|---|---|---|---|
| | 1979 | 1980 | 1979 | 1980 | 1979 | 1980 | |
| | | | -head- | | | | -thous. dol.- |
| MILLER | 23,500 | 24,000 | 1,300 | 1,300 | 54,700 | 54,000 | 25,365 |
| MISSISSIPPI | 3,900 | 4,000 | 100 | 100 | 8,300 | 8,500 | 3,809 |
| MONITEAU | 23,200 | 24,100 | 1,800 | 1,800 | 61,300 | 61,400 | 28,990 |
| MONROE | 20,500 | 19,500 | 500 | 500 | 46,400 | 43,600 | 20,135 |
| MONTGOMERY | 13,100 | 12,700 | 500 | 500 | 36,600 | 34,500 | 15,675 |
| MORGAN | 20,700 | 20,600 | 2,300 | 2,200 | 47,000 | 45,500 | 22,010 |
| NEW MADRID | 1,600 | 1,600 | 100 | 100 | 3,600 | 3,500 | 1,602 |
| NEWTON | 35,800 | 35,900 | 6,600 | 6,600 | 80,900 | 78,600 | 38,499 |
| NODAWAY | 49,400 | 49,200 | 1,700 | 1,700 | 121,700 | 115,700 | 56,338 |
| OREGON | 25,700 | 25,400 | 2,700 | 2,700 | 61,600 | 58,500 | 27,095 |
| OSAGE | 26,300 | 26,800 | 3,200 | 3,100 | 63,400 | 62,400 | 30,255 |
| OZARK | 26,500 | 26,200 | 4,700 | 4,700 | 56,300 | 54,100 | 26,316 |
| PEMISCOT | 900 | 900 | 100 | 100 | 1,900 | 1,800 | 852 |
| PERRY | 16,100 | 15,900 | 3,900 | 3,700 | 45,700 | 43,800 | 21,688 |
| PETTIS | 23,600 | 23,800 | 2,900 | 2,900 | 67,800 | 65,600 | 31,545 |
| PHELPS | 17,500 | 17,000 | 1,000 | 1,000 | 37,200 | 34,900 | 16,450 |
| PIKE | 18,700 | 17,800 | 1,200 | 1,100 | 48,600 | 45,600 | 21,403 |
| PLATTE | 11,200 | 11,100 | 600 | 600 | 27,400 | 25,900 | 12,749 |
| POLK | 37,400 | 37,500 | 8,700 | 8,600 | 90,800 | 87,800 | 45,030 |
| PULASKI | 11,900 | 12,000 | 300 | 300 | 27,400 | 26,400 | 12,215 |
| PUTNAM | 32,700 | 32,600 | 800 | 600 | 68,300 | 68,300 | 33,006 |
| RALLS | 14,900 | 14,400 | 1,100 | 1,000 | 34,200 | 32,500 | 15,382 |
| RANDOLPH | 14,600 | 14,100 | 700 | 600 | 32,400 | 31,200 | 15,281 |
| RAY | 16,700 | 16,600 | 700 | 700 | 45,000 | 42,700 | 20,837 |
| REYNOLDS | 7,000 | 7,200 | 100 | 100 | 14,500 | 14,400 | 6,348 |
| RIPLEY | 12,000 | 11,700 | 200 | 200 | 25,100 | 23,800 | 10,511 |
| ST. CHARLES | 7,700 | 7,600 | 1,800 | 1,700 | 21,300 | 20,300 | 10,043 |
| ST. CLAIR | 27,600 | 28,400 | 2,500 | 2,400 | 56,400 | 56,600 | 27,136 |
| ST. FRANCOIS | 9,500 | 9,300 | 1,000 | 900 | 26,800 | 25,500 | 11,895 |
| ST. LOUIS | 2,600 | 2,500 | 400 | 400 | 5,200 | 5,000 | 2,463 |
| STE. GENEVIEVE | 16,200 | 16,000 | 800 | 700 | 35,900 | 34,500 | 15,792 |
| SALINE | 22,700 | 22,400 | 400 | 400 | 62,400 | 59,300 | 27,220 |
| SCHUYLER | 12,300 | 12,100 | 2,200 | 2,100 | 31,600 | 31,100 | 15,970 |
| SCOTLAND | 21,300 | 20,300 | 1,200 | 1,100 | 43,400 | 40,700 | 19,173 |
| SCOTT | 4,800 | 4,700 | 700 | 600 | 13,400 | 12,900 | 6,039 |
| SHANNON | 10,500 | 10,100 | 1,100 | 1,100 | 22,800 | 20,900 | 9,757 |
| SHELBY | 17,100 | 16,400 | 500 | 500 | 44,700 | 42,000 | 19,407 |
| STODDARD | 10,300 | 10,000 | 100 | 100 | 24,600 | 23,500 | 10,429 |
| STONE | 20,600 | 21,100 | 6,700 | 6,700 | 48,700 | 48,000 | 25,052 |
| SULLIVAN | 36,500 | 36,400 | 1,400 | 1,300 | 79,100 | 79,000 | 38,555 |
| TANEY | 21,000 | 20,500 | 800 | 800 | 40,300 | 38,300 | 17,186 |
| TEXAS | 39,200 | 38,400 | 8,600 | 8,500 | 95,900 | 91,000 | 44,604 |
| VERNON | 28,800 | 29,600 | 3,000 | 2,900 | 69,000 | 68,300 | 32,802 |
| WARREN | 8,000 | 7,800 | 500 | 500 | 18,900 | 17,600 | 8,139 |
| WASHINGTON | 10,400 | 10,100 | 300 | 300 | 20,500 | 19,500 | 8,870 |
| WAYNE | 7,700 | 7,500 | 400 | 400 | 16,800 | 15,900 | 7,173 |
| WEBSTER | 27,600 | 27,700 | 13,800 | 13,800 | 82,200 | 79,400 | 42,564 |
| WORTH | 14,400 | 14,600 | 500 | 400 | 33,200 | 32,200 | 15,633 |
| WRIGHT | 20,400 | 20,300 | 15,600 | 15,400 | 71,500 | 67,900 | 38,456 |
| NORTHWEST | 292,000 | 291,000 | 16,300 | 15,900 | 738,000 | 701,000 | 345,071 |
| NORTH CENTRAL | 279,000 | 273,000 | 13,800 | 13,000 | 633,000 | 621,000 | 304,606 |
| NORTHEAST | 178,000 | 170,000 | 8,600 | 8,100 | 438,000 | 411,000 | 191,825 |
| WEST | 274,000 | 280,000 | 32,600 | 31,300 | 627,000 | 621,000 | 301,180 |
| CENTRAL | 443,000 | 445,000 | 57,100 | 56,400 | 1,094,000 | 1,059,000 | 515,152 |
| EAST | 155,000 | 152,000 | 18,800 | 17,800 | 394,000 | 375,000 | 177,591 |
| SOUTHWEST | 297,000 | 300,000 | 62,000 | 61,800 | 749,000 | 728,000 | 356,971 |
| SOUTH CENTRAL | 316,000 | 310,000 | 61,300 | 60,800 | 761,000 | 722,000 | 350,097 |
| SOUTHEAST | 50,000 | 49,000 | 5,500 | 4,900 | 116,000 | 112,000 | 52,257 |
| STATE | 2,284,000 | 2,270,000 | 276,000 | 270,000 | 5,550,000 | 5,350,000 | 2,594,750 |

## CATTLE NUMBERS, BY COUNTIES, JANUARY 1, 1980




TOP FIVE COUNTIES

| | |
|---|---|
| Nodaway | 115,700 head |
| Lawrence | 107,800 head |
| Johnson | 91,300 head |
| Texas | 91,000 head |
| Bates | 88,800 head |

0 - 29,999 head

30,000 - 44,999 head

45,000 - 59,999 head

60,000 head and over

## MILK COW NUMBERS, BY COUNTIES, JANUARY 1, 1980

TOP FIVE COUNTIES

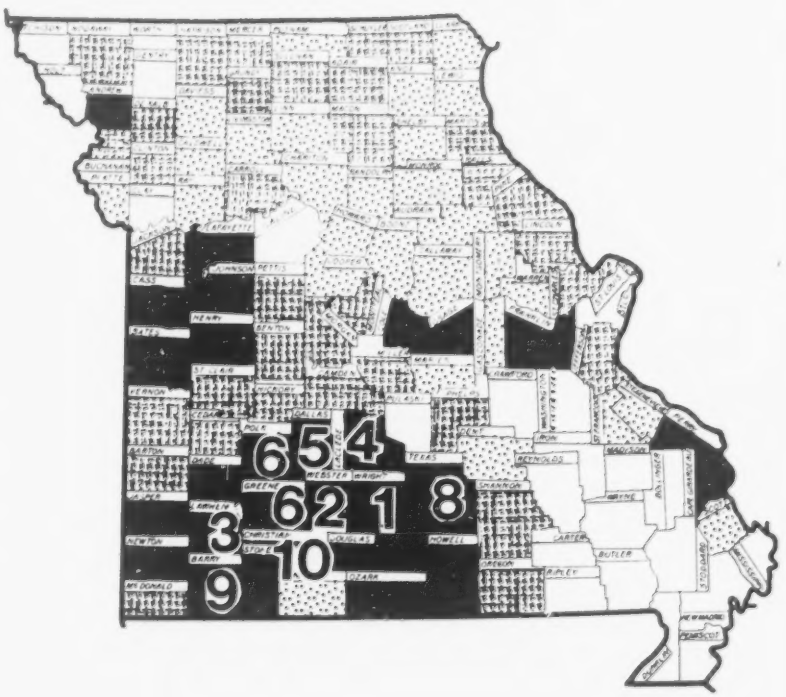
| | |
|---|---|
| Wright | 15,400 head |
| Webster | 13,800 head |
| Lawrence | 11,200 head |
| Laclede | 10,900 head |
| Dallas | 9,900 head |

0 - 500 head

500 - 999 head

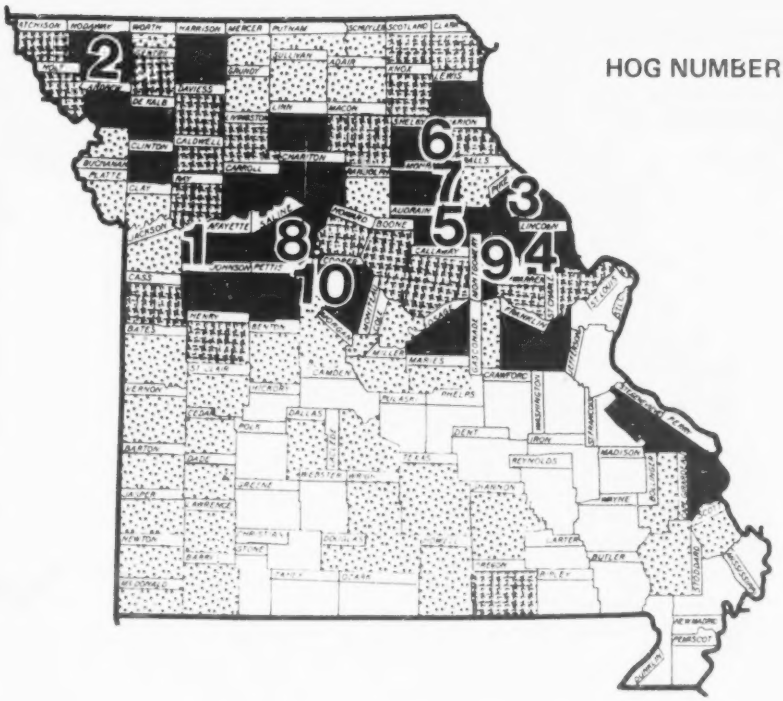
1,000 - 2,900 head

3,000 head and over



## HOGS AND PIGS ON FARMS, BY COUNTIES AND DISTRICTS, MISSOURI, DECEMBER 1, 1978-79

| County | 1978 | 1979 | 1979 Value | County | 1978 | 1979 | 1979 Value |
|---|---|---|---|---|---|---|---|
| | -head- | | -thous. dol.- | | -head- | | -thous. dol.- |
| ADAIR | 25,000 | 27,000 | 1,620 | LINN | 50,000 | 55,600 | 3,336 |
| ANDREW | 61,200 | 68,000 | 3,876 | LIVINGSTON | 39,400 | 43,300 | 2,598 |
| ATCHISON | 50,200 | 53,400 | 3,044 | MCDONALD | 27,400 | 30,900 | 1,607 |
| AUDRAIN | 99,600 | 112,600 | 6,524 | MACON | 45,400 | 50,000 | 3,000 |
| BARRY | 27,000 | 29,900 | 1,555 | MADISON | 10,100 | 11,000 | 627 |
| BARTON | 22,700 | 25,000 | 1,300 | MARIES | 24,700 | 26,300 | 1,420 |
| BATES | 35,300 | 38,200 | 2,063 | MARION | 43,200 | 48,500 | 2,810 |
| BENTON | 32,900 | 39,400 | 2,128 | MERCER | 25,900 | 28,600 | 1,716 |
| BOLLINGER | 35,600 | 39,900 | 2,274 | MILLER | 33,600 | 38,600 | 2,084 |
| BOONE | 37,000 | 41,800 | 2,257 | MISSISSIPPI | 2,200 | 2,400 | 122 |
| BUCHANAN | 33,200 | 36,400 | 2,075 | MONITEAU | 56,900 | 65,700 | 3,548 |
| BUTLER | 11,100 | 11,900 | 607 | MONROE | 83,000 | 94,000 | 5,446 |
| CALDWELL | 41,300 | 45,400 | 2,588 | MONTGOMERY | 77,000 | 84,700 | 4,659 |
| CALLAWAY | 37,700 | 42,500 | 2,295 | MORGAN | 25,300 | 30,200 | 1,631 |
| CAMDEN | 4,800 | 5,400 | 292 | NEW MADRID | 8,200 | 9,000 | 459 |
| CAPE GIRARDEAU | 59,700 | 64,000 | 3,264 | NEWTON | 13,700 | 15,600 | 811 |
| CARROLL | 72,200 | 79,600 | 4,776 | NODAWAY | 140,200 | 155,500 | 8,864 |
| CARTER | 4,600 | 5,200 | 297 | OREGON | 36,600 | 41,600 | 2,370 |
| CASS | 43,400 | 47,800 | 2,581 | OSAGE | 69,900 | 79,600 | 4,298 |
| CEDAR | 20,200 | 22,500 | 1,215 | OZARK | 12,100 | 13,400 | 764 |
| CHARITON | 67,600 | 73,400 | 4,404 | PEMISCOT | 700 | 800 | 41 |
| CHRISTIAN | 11,500 | 13,300 | 692 | PERRY | 70,400 | 76,200 | 4,191 |
| CLARK | 45,100 | 50,000 | 2,897 | PETTIS | 70,500 | 78,800 | 4,255 |
| CLAY | 22,100 | 24,300 | 1,385 | PHELPS | 8,900 | 10,100 | 545 |
| CLINTON | 57,600 | 63,200 | 3,602 | PIKE | 129,500 | 145,500 | 8,430 |
| COLE | 21,900 | 24,700 | 1,334 | PLATTE | 29,500 | 32,400 | 1,847 |
| COOPER | 71,900 | 81,200 | 4,385 | POLK | 13,700 | 14,700 | 794 |
| CRAWFORD | 12,700 | 13,900 | 765 | PULASKI | 5,500 | 6,200 | 335 |
| DADE | 19,900 | 22,100 | 1,149 | PUTNAM | 24,100 | 26,000 | 1,560 |
| DALLAS | 14,400 | 16,200 | 875 | RALLS | 35,200 | 39,500 | 2,289 |
| DAVIESS | 42,100 | 44,600 | 2,542 | RANDOLPH | 35,200 | 37,700 | 2,262 |
| DEKALB | 55,400 | 60,800 | 3,466 | RAY | 39,900 | 42,900 | 2,445 |
| DENT | 11,600 | 13,100 | 747 | REYNOLDS | 8,800 | 9,900 | 564 |
| DOUGLAS | 15,000 | 17,200 | 980 | RIPLEY | 13,200 | 14,800 | 844 |
| DUNKLIN | 4,900 | 5,300 | 270 | ST. CHARLES | 45,400 | 49,000 | 2,695 |
| FRANKLIN | 56,500 | 60,500 | 3,328 | ST. CLAIR | 30,100 | 33,900 | 1,831 |
| GASCONADE | 29,400 | 31,500 | 1,732 | ST. FRANCOIS | 8,300 | 9,100 | 500 |
| GENTRY | 45,000 | 48,600 | 2,770 | ST. LOUIS | 2,800 | 3,000 | 165 |
| GREENE | 10,200 | 11,300 | 588 | STE. GENEVIEVE | 52,600 | 59,300 | 3,262 |
| GRUNDY | 32,400 | 37,200 | 2,232 | SALINE | 84,200 | 92,000 | 4,968 |
| HARRISON | 62,700 | 70,500 | 4,018 | SCHUYLER | 15,700 | 17,900 | 1,074 |
| HENRY | 46,400 | 52,600 | 2,840 | SCOTLAND | 41,100 | 44,800 | 2,596 |
| HICKORY | 9,600 | 11,600 | 626 | SCOTT | 14,800 | 15,600 | 796 |
| HOLT | 36,900 | 40,500 | 2,308 | SHANNON | 14,400 | 16,300 | 929 |
| HOWARD | 43,800 | 48,700 | 2,630 | SHELBY | 93,000 | 106,700 | 6,181 |
| HOWELL | 27,900 | 31,400 | 1,790 | STODDARD | 21,400 | 23,000 | 1,173 |
| IRON | 2,600 | 2,700 | 155 | STONE | 7,600 | 8,500 | 442 |
| JACKSON | 15,900 | 17,700 | 956 | SULLIVAN | 30,100 | 33,700 | 2,022 |
| JASPER | 16,200 | 17,200 | 894 | TANEY | 6,400 | 7,600 | 433 |
| JEFFERSON | 10,500 | 11,500 | 632 | TEXAS | 18,300 | 20,700 | 1,180 |
| JOHNSON | 64,500 | 70,300 | 3,796 | VERNON | 27,100 | 30,100 | 1,625 |
| KNOX | 43,800 | 49,200 | 2,851 | WARREN | 48,800 | 53,200 | 2,926 |
| LACLEDE | 17,800 | 19,300 | 1,042 | WASHINGTON | 7,200 | 7,900 | 434 |
| LAFAYETTE | 147,100 | 164,900 | 8,905 | WAYNE | 12,400 | 14,200 | 809 |
| LAWRENCE | 28,800 | 31,200 | 1,622 | WEBSTER | 12,400 | 14,000 | 798 |
| LEWIS | 50,500 | 55,200 | 3,198 | WORTH | 20,700 | 23,500 | 1,340 |
| LINCOLN | 132,400 | 145,200 | 7,986 | WRIGHT | 16,000 | 18,000 | 1,026 |
| DISTRICTS | | | | | | | |
| NORTHWEST | 738,000 | 810,000 | 46,170 | EAST | 554,000 | 605,000 | 33,275 |
| NORTH CENTRAL | 463,000 | 510,000 | 30,600 | SOUTHWEST | 185,000 | 205,000 | 10,660 |
| NORTHEAST | 664,000 | 746,000 | 43,222 | SOUTH CENTRAL | 258,000 | 291,000 | 16,587 |
| WEST | 430,000 | 478,000 | 25,812 | SOUTHEAST | 123,000 | 132,000 | 6,732 |
| CENTRAL | 685,000 | 773,000 | 41,742 | | | | |
| STATE | 4,100,000 | 4,550,000 | 254,800 | | | | |




## HOG NUMBERS, BY COUNTIES, DECEMBER 1, 1979

TOP FIVE COUNTIES

| | |
|---|---|
| Lafayette | 164,900 head |
| Nodaway | 155,500 head |
| Pike | 145,500 head |
| Lincoln | 145,200 head |
| Audrain | 112,600 head |

0 - 14,999 head

15,000 - 39,999 head

40,000 - 54,999 head

55,000 head and over

## HOGS AND PIGS: PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, MISSOURI, 1977-79

| Year | 1-99 Head | | 100-499 Head | | 500 Head & Over | |
|---|---|---|---|---|---|---|
| | Operations | Inventory | Operations | Inventory | Operations | Inventory |
| | -percent- | | | | | |
| 1977 | 69.0 | 21.0 | 28.0 | 54.0 | 3.0 | 25.0 |
| 1978 | 69.5 | 20.0 | 27.5 | 56.0 | 3.0 | 24.0 |
| **1979** | **70.0** | **19.5** | **25.0** | **45.5** | **5.0** | **35.0** |

## HOGS AND PIGS: NUMBER ON FARMS, TOTAL, BREEDING AND MARKET, BY WEIGHT GROUPS, MISSOURI, QUARTERLY, 1975-79

| Year | Total Number | For Breeding | Total Market | Under 60 lbs. | 60 - 119 Lbs. | 120 - 179 Lbs. | 180 - 219 1/ Lbs. | 220 lbs. & Over |
|---|---|---|---|---|---|---|---|---|
| | | | | -thousand head | | | | |
| | | | | **-March 1-** | | | | |
| 1975 | 3,100 | 513 | 2,587 | 952 | 634 | 551 | 378 | 72 |
| 1976 | 3,000 | 525 | 2,475 | 1,020 | 645 | 483 | 233 | 94 |
| 1977 | 3,460 | 602 | 2,858 | 1,200 | 700 | 572 | 286 | 100 |
| 1978 | 3,500 | 626 | 2,874 | 1,116 | 704 | 592 | 462 | – |
| **1979** | **3,950** | **751** | **3,199** | **1,360** | **787** | **628** | **424** | -- |
| | | | | **-June 1-** | | | | |
| 1975 | 3,000 | 495 | 2,505 | 1,320 | 511 | 388 | 213 | 73 |
| 1976 | 3,400 | 558 | 2,842 | 1,525 | 589 | 415 | 242 | 71 |
| 1977 | 3,800 | 623 | 3,177 | 1,665 | 702 | 467 | 267 | 76 |
| 1978 | 3,750 | 623 | 3,127 | 1,563 | 672 | 544 | 348 | – |
| **1979** | **4,550** | **760** | **3,790** | **1,963** | **813** | **589** | **425** | -- |
| | | | | **-September 1-** | | | | |
| 1975 | 3,100 | 515 | 2,585 | 1,135 | 602 | 473 | 318 | 57 |
| 1976 | 3,450 | 528 | 2,922 | 1,315 | 703 | 545 | 301 | 58 |
| 1977 | 4,000 | 624 | 3,376 | 1,468 | 854 | 564 | 412 | 78 |
| 1978 | 3,950 | 645 | 3,305 | 1,530 | 780 | 560 | 435 | – |
| **1979** | **4,750** | **760** | **3,990** | **1,830** | **1,000** | **680** | **480** | -- |
| | | | | **-December 1-** | | | | |
| 1975 | 3,200 | 512 | 2,688 | 1,183 | 645 | 510 | 269 | 81 |
| 1976 | 3,750 | 585 | 3,165 | 1,348 | 744 | 598 | 348 | 127 |
| 1977 | 3,700 | 660 | 3,040 | 1,353 | 668 | 578 | 350 | 91 |
| 1978 | 4,100 | 746 | 3,354 | 1,643 | 771 | 520 | 420 | – |
| **1979** | **4,550** | **723** | **3,827** | **1,710** | **930** | **670** | **517** | -- |

1/ Beginning in 1978, this category was changed to 180 lbs. and over.

## HOGS AND PIGS: INVENTORY, PIG CROP AND DISPOSITION, MISSOURI, 1975-79 1/

| Year | On Hand December 1 Preceding Year | Pig Crop | | Inshipments | Marketings 2/ | Farm Slaughter | Deaths |
|---|---|---|---|---|---|---|---|
| | | Dec.-May | June-Nov. | | | | |
| | | | -thousand head- | | | | |
| 1975 | 3,900 | 2,372 | 2,554 | 8 | 5,192 | 62 | 380 |
| 1976 | 3,200 | 2,914 | 3,076 | 8 | 5,038 | 50 | 360 |
| 1977 | 3,750 | 3,243 | 3,288 | 8 | 6,136 | 53 | 400 |
| 1978 | 3,700 | 3,067 | 3,635 | 8 | 5,820 | 60 | 430 |
| **1979** | **4,100** | **3,861** | **4,126** | **8** | **6,972** | **63** | **510** |

1/ Balance sheet estimates. Total of marketings, farm slaughter, deaths, and on hand end of year equals total of pig crop, inshipments, and on hand beginning of year. Disposition items for the 12-month period December preceding year through November of year shown.

2/ Excludes interfarm sales.

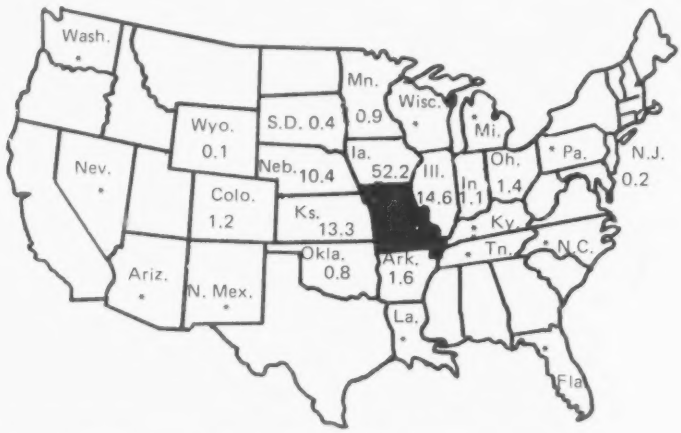
## SPRING PIG CROP: SOWS FARROWED AND PIGS SAVED, MISSOURI, 1975-79

| Year | Sows Farrowed | | | Pigs per Litter | | | Pigs Saved | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec.-Feb. | Mar.-May | Dec.-May | Dec.-Feb. | Mar.-May | Dec.-May | Dec.-Feb. | Mar.-May | Dec.-May |
| | -thousands- | | | -head- | | | -thousands- | | |
| 1975 | 140 | 190 | 330 | 7.10 | 7.25 | 7.19 | 994 | 1,378 | 2,372 |
| 1976 | 163 | 232 | 395 | 7.20 | 7.50 | 7.38 | 1,174 | 1,740 | 2,914 |
| 1977 | 205 | 252 | 457 | 6.54 | 7.55 | 7.10 | 1,340 | 1,903 | 3,243 |
| 1978 | 190 | 240 | 430 | 6.67 | 7.50 | 7.13 | 1,267 | 1,800 | 3,067 |
| **1979** | **225** | **315** | **540** | **6.80** | **7.40** | **7.15** | **1,530** | **2,331** | **3,861** |

## FALL PIG CROP: SOWS FARROWED AND PIGS SAVED, MISSOURI, 1975-79

| Year | Sows Farrowed | | | Pigs per Litter | | | Pigs Saved | | |
|---|---|---|---|---|---|---|---|---|---|
| | June-Aug. | Sep.-Nov. | June-Nov. | June-Aug. | Sep.-Nov. | June-Nov. | June-Aug. | Sep.-Nov. | June-Nov. |
| | -thousands- | | | -head- | | | -thousands- | | |
| 1975 | 160 | 190 | 350 | 7.35 | 7.25 | 7.30 | 1,176 | 1,378 | 2,554 |
| 1976 | 205 | 225 | 430 | 7.05 | 7.25 | 7.15 | 1,445 | 1,631 | 3,076 |
| 1977 | 230 | 225 | 455 | 7.25 | 7.20 | 7.23 | 1,668 | 1,620 | 3,288 |
| 1978 | 235 | 270 | 505 | 7.25 | 7.15 | 7.20 | 1,704 | 1,931 | 3,635 |
| **1979** | **290** | **285** | **575** | **7.15** | **7.20** | **7.18** | **2,074** | **2,052** | **4,126** |

## FEEDER PIG OUTSHIPMENTS: % OF TOTAL MISSOURI OUTSHIPMENTS SENT TO EACH STATE, 1979




*These States combined purchased less than 0.6% of Missouri's feeder pigs.

## FEEDER PIGS SHIPPED OUT OF MISSOURI, BY MONTHS, 1975-79 1/

| Year | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -number of head- | | | | | | | | | | | | |
| 1975 | 56,787 | 35,363 | 34,869 | 62,809 | 49,353 | 79,525 | 74,729 | 23,447 | 46,046 | 72,651 | 69,322 | 66,522 | 671,423 |
| 1976 | 61,173 | 34,702 | 60,397 | 79,312 | 87,662 | 97,816 | 70,125 | 63,903 | 69,993 | 62,213 | 78,660 | 84,122 | 850,078 |
| 1977 | 57,700 | 45,050 | 62,654 | 84,061 | 103,046 | 107,387 | 83,074 | 85,858 | 83,360 | 87,097 | 89,521 | 87,320 | 976,128 |
| 1978 | 70,970 | 50,163 | 69,994 | 73,138 | 99,101 | 113,928 | 114,823 | 100,649 | 116,080 | 78,889 | 121,372 | 116,813 | 1,125,920 |
| 1979 | 85,045 | 67,785 | 70,950 | 115,630 | 152,607 | 144,244 | 127,736 | 94,396 | 101,999 | 128,679 | 113,274 | 133,803 | 1,336,148 |

1/ Source: Missouri Department of Agriculture, Animal Health Division.

## HOGS AND PIGS: PRODUCTION AND INCOME, MISSOURI, 1975-79

| Year | Production | Marketings | Price Per 100 Pounds | Value of Production | Cash Receipts | Value of Home Consumption | Gross Income |
|---|---|---|---|---|---|---|---|
| | -thousand pounds- | | -dollars- | | -thousand dollars- | | |
| 1975 | 1,130,449 | 1,169,543 | 46.60 | 526,789 | 545,007 | 17,797 | 562,804 |
| 1976 | 1,097,408 | 986,020 | 44.20 | 485,054 | 435,821 | 14,586 | 450,407 |
| 1977 | 1,307,078 | 1,265,570 | 39.70 | 518,910 | 502,431 | 13,887 | 516,318 |
| 1978 | 1,302,899 | 1,219,895 | 46.80 | 609,756 | 570,911 | 21,004 | 591,915 |
| **1979** | **1,597,830** | **1,512,345** | **40.90** | **653,512** | **618,549** | **14,816** | **633,365** |

## SHEEP: NUMBER AND VALUE, JANUARY 1, AND LAMB CROP, MISSOURI, 1976-80

| Year | All Sheep | | | Sheep On Feed | Stock Sheep | | | | | Lambs Saved |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Value | | | Lambs | | 1 Year & Older | | | |
| | Number | Per Head | Total | Number | Ewes | Wethers & Rams | Ewes | Wethers & Rams | Total | Number |
| | -thous.- | -dollars- | -thous. dol.- | | -thousand head- | | | | | |
| 1976 | 154 | 31.00 | 4,774 | 35 | 15 | 4 | 97 | 3 | 119 | 112 |
| 1977 | 134 | 32.50 | 4,355 | 19 | 16 | 5 | 90 | 4 | 115 | 111 |
| 1978 | 131 | 40.50 | 5,306 | 19 | 15 | 5 | 88 | 4 | 112 | 106 |
| 1979 | 126 | 50.50 | 6,363 | 14 | 19 | 6 | 83 | 4 | 112 | 107 |
| **1980** | **123** | **63.50** | **7,811** | **14** | **18** | **4** | **84** | **3** | **109** | -- |

## SHEEP AND LAMBS: PRODUCTION AND INCOME, MISSOURI, 1975-79

| Year | Production | Marketings | Price Per 100 Pounds | | Value of Production | Cash Receipts | Value of Home Consumption | Gross Income |
|---|---|---|---|---|---|---|---|---|
| | | | Sheep | Lambs | | | | |
| | -thousand pounds- | | -dollars- | | -thousand dollars- | | | |
| 1975 | 9,282 | 12,435 | 8.50 | 42.60 | 3,674 | 4,022 | 60 | 4,082 |
| 1976 | 8,482 | 10,306 | 11.30 | 46.00 | 3,531 | 4,099 | 138 | 4,237 |
| 1977 | 7,663 | 7,930 | 11.30 | 50.70 | 3,465 | 3,492 | 152 | 3,644 |
| 1978 | 7,470 | 7,908 | 16.40 | 59.90 | 4,022 | 3,987 | 240 | 4,227 |
| **1979** | **7,803** | **8,032** | **24.10** | **64.80** | **4,371** | **4,501** | **194** | **4,695** |

## WOOL: PRODUCTION AND VALUE, MISSOURI, 1975-79

| Year | Sheep Shorn Number | Weight Per Fleece | Wool Produced | Season Average Price Per Pound | Value of Production |
|---|---|---|---|---|---|
| | -thousands- | -pounds- | -thous. lbs.- | -cents- | -thous. dol.- |
| 1975 | 167 | 7.3 | 1,213 | 30 | 364 |
| 1976 | 132 | 7.4 | 977 | 53 | 518 |
| 1977 | 129 | 7.4 | 954 | 68 | 649 |
| 1978 | 126 | 7.4 | 928 | 69 | 640 |
| **1979** | **127** | **7.3** | **928** | **75** | **696** |

## MILK COWS: PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, MISSOURI, 1977-79

| Year | 1-29 Head | | 30-49 Head | | 50-99 Head | | 100 Head & Over | |
|---|---|---|---|---|---|---|---|---|
| | Operations | Inventory | Operations | Inventory | Operations | Inventory | Operations | Inventory |
| | -percent- | | | | | | | |
| 1977 1/ | 81.5 | 23.5 | 8.0 | 18.0 | 10.5 | 58.5 | - | - |
| 1978 | 79.5 | 19.0 | 8.5 | 18.0 | 9.0 | 38.0 | 3.0 | 25.0 |
| **1979** | **78.1** | **18.5** | **10.0** | **21.1** | **10.7** | **37.5** | **3.2** | **22.9** |

1/ In 1977, the two largest size groups were combined.

## MILK COWS: NUMBER ON FARMS, BY MONTHS, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -thousands- | | | | | | | | | | | |
| 1975 | 310 | 308 | 306 | 304 | 302 | 304 | 302 | 298 | 296 | 300 | 298 | 300 |
| 1976 | 300 | 301 | 302 | 304 | 306 | 308 | 310 | 308 | 307 | 307 | 308 | 310 |
| 1977 | 308 | 307 | 306 | 304 | 301 | 299 | 297 | 295 | 294 | 291 | 288 | 285 |
| 1978 | 283 | 281 | 279 | 277 | 275 | 274 | 274 | 274 | 275 | 275 | 276 | 276 |
| **1979** | **274** | **271** | **270** | **269** | **271** | **270** | **270** | **270** | **271** | **270** | **269** | **270** |

## MILK PRODUCTION: AVERAGE PER MILK COW, BY MONTH, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -pounds- | | | | | | | | | | | | |
| 1975 | 730 | 650 | 755 | 790 | 915 | 870 | 865 | 805 | 765 | 760 | 750 | 745 | 9,404 |
| 1976 | 725 | 675 | 760 | 840 | 930 | 905 | 880 | 840 | 770 | 745 | 735 | 730 | 9,539 |
| 1977 | 725 | 690 | 790 | 865 | 945 | 925 | 890 | 860 | 810 | 780 | 760 | 755 | 9,792 |
| 1978 | 745 | 715 | 775 | 855 | 970 | 940 | 915 | 885 | 830 | 775 | 770 | 755 | 9,913 |
| **1979** | **765** | **735** | **810** | **860** | **975** | **945** | **935** | **895** | **850** | **820** | **790** | **780** | **10,174** |

## MILK PRODUCTION: TOTAL MILK PRODUCED, BY MONTHS, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -million pounds- | | | | | | | | | | | | |
| 1975 | 226 | 200 | 231 | 240 | 276 | 264 | 261 | 240 | 226 | 228 | 224 | 224 | 2,840 |
| 1976 | 218 | 203 | 230 | 255 | 285 | 279 | 273 | 259 | 236 | 229 | 226 | 226 | 2,919 |
| 1977 | 223 | 212 | 242 | 263 | 284 | 277 | 264 | 254 | 238 | 227 | 219 | 215 | 2,918 |
| 1978 | 211 | 201 | 216 | 237 | 267 | 258 | 251 | 243 | 228 | 213 | 213 | 208 | 2,746 |
| **1979** | **210** | **199** | **219** | **231** | **264** | **255** | **252** | **242** | **230** | **221** | **213** | **211** | **2,747** |

## SALES AND INCOME FROM MILK, MISSOURI, 1974-78

| Year | MILK SOLD TO PLANTS & DLRS. | | | CREAM SOLD TO PLANTS & DLRS. | | | MILK SOLD DIR. TO CONSUMERS | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | Price Per 100 Pounds | Cash Receipts | Quantity Milkfat | Price Per Lb. Fat | Cash Receipts | Quantity | Price Per Quart | Cash Receipts |
| | -mil. lbs.- | -dollars- | -thous. dollars- | -thous. lbs.- | -cents- | -thous. dollars- | -thous. qts.- | -cents- | -thous. dollars- |
| 1974 | 2,850 | 7.85 | 223,725 | 679 | 58 | 394 | 9,302 | 35.0 | 3,256 |
| 1975 | 2,725 | 8.20 | 223,450 | 636 | 76 | 483 | 8,837 | 37.0 | 3,270 |
| 1976 | 2,818 | 9.35 | 263,483 | 188 | 72 | 135 | 7,442 | 40.0 | 2,977 |
| 1977 | 2,845 | 9.30 | 264,585 | 75 | 76 | 57 | 5,581 | 46.0 | 2,567 |
| 1978 | 2,690 | 10.20 | 274,380 | -- | -- | -- | 6,512 | 50.0 | 3,256 |

| Year | COMBINED MARKETINGS OF MILK AND CREAM | | | | Value of Milk Consumed Where Produced | Total Value of Milk Produced |
|---|---|---|---|---|---|---|
| | Milk Utilized | Per 100 Pounds Milk | Per Pound Milkfat | Cash Receipts | | |
| | -mil. lbs.- | -dollars- | | | -thousand dollars- | |
| 1974 | 2,888 | 7.87 | 2.16 | 227,375 | 5,588 | 235,234 |
| 1975 | 2,761 | 8.23 | 2.27 | 227,203 | 4,197 | 233,732 |
| 1976 | 2,839 | 9.39 | 2.59 | 266,595 | 4,695 | 274,094 |
| 1977 | 2,859 | 9.35 | 2.58 | 267,209 | 2,805 | 272,833 |
| 1978 | 2,704 | 10.27 | 2.82 | 277,636 | 2,876 | 283,452 |

## DAIRY PRODUCTS MANUFACTURED: QUANTITY BY TYPE, MISSOURI, 1974-78

| Year | Butter | Creamed Cottage Cheese | American Type Cheese | Total Cheese 1/ | Dry Whey | Ice Cream |
|---|---|---|---|---|---|---|
| | -thousand pounds- | | | | | |
| 1974 | 26,072 | 24,988 | 72,820 | 101,335 | 32,693 | 16,529 |
| 1975 | 22,490 | 25,224 | 44,364 | 68,196 | 23,062 | 19,133 |
| 1976 | 20,914 | 26,557 | 51,476 | 69,916 | 16,433 | 18,631 |
| 1977 | 21,589 | 28,284 | 49,588 | 72,671 | 16,312 | 18,256 |
| 1978 | 21,921 | 29,367 | 49,921 | 85,297 | 19,642 | 17,940 |

1/ Excluding full-skim American and cottage.

## CHICKENS: NUMBER ON FARMS BY CLASSES, MISSOURI DECEMBER 1, 1975-79

| Year | All Chickens | Hens and Pullets of Laying Age | | | Pullets 3 Mo. Old & Older Not of Laying Age | Pullets Under 3 Mo. Old | Other Chickens |
|---|---|---|---|---|---|---|---|
| | | Hens | Pullets | Total | | | |
| | -thousand head- | | | | | | |
| 1975 | 7,020 | 1,900 | 3,200 | 5,100 | 1,050 | 780 | 90 |
| 1976 | 7,100 | 2,050 | 3,100 | 5,150 | 1,110 | 800 | 40 |
| 1977 | 7,700 | 2,150 | 3,350 | 5,500 | 1,155 | 1,000 | 45 |
| 1978 | 8,000 | 2,622 | 3,078 | 5,700 | 1,065 | 1,165 | 70 |
| **1979** | **7,720** | **2,694** | **3,456** | **6,150** | **815** | **685** | **70** |

## CHICKENS AND TURKEYS RAISED AND TURKEYS TESTED, MISSOURI, 1975-79

| Year | Chickens Raised | | Turkeys | |
|---|---|---|---|---|
| | Egg Type | Broiler Type | Raised | Tested 1/ |
| | -thousand head- | | | |
| 1975 | 7,078 | 23,369 | 8,125 | 119 |
| 1976 | 6,800 | 25,256 | 9,725 | 146 |
| 1977 | 7,100 | 24,054 | 9,846 | 213 |
| 1978 | 6,500 | 22,164 | 10,500 | 108 |
| **1979** | **6,580** | **25,297** | **10,950** | **135** |

1/ Turkeys tested July preceding year through June current year.

## BROILERS AND TURKEYS: PRODUCTION, DISPOSITION AND INCOME, MISSOURI, 1975-79

| Year | Broilers 1/ | | | | Turkeys | | | |
|---|---|---|---|---|---|---|---|---|
| | Production | | Price Per Lb. | Gross Income | Production | | Price Per Lb. | Gross Income |
| | Number | Weight | | | Number | Weight | | |
| | -thousand- | -thous. lbs.- | -cents- | -thous. dol.- | -thousand- | -thous. lbs.- | -cents- | -thous. dol.- |
| 1975 | 23,369 | 88,802 | 26.1 | 23,177 | 8,125 | 153,563 | 34.1 | 52,365 |
| 1976 | 25,256 | 98,498 | 23.6 | 23,246 | 9,725 | 186,720 | 29.0 | 54,149 |
| 1977 | 24,054 | 93,811 | 22.7 | 21,295 | 9,846 | 181,166 | 32.7 | 59,241 |
| 1978 | 22,164 | 86,440 | 26.7 | 23,079 | 10,500 | 202,650 | 43.5 | 88,153 |
| **1979** | **25,297** | **101,188** | **26.0** | **26,309** | **10,950** | **211,335** | **42.0** | **88,761** |

1/ Estimates cover the period December 1 previous year through November 30.

## CHICKENS: PRODUCTION, DISPOSITION AND INCOME, MISSOURI, 1975-79 1/

| Year | Production and Disposition of Chickens | | | | | | | Income from Chickens | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number | | | | Sold | | | Cash Receipts | Value of Home Consumption | Gross Income |
| | Raised | Lost | Produced | Consumed On Farms | Number | Weight Sold | Weight Produced | | | |
| | -thousand head- | | | | | -thousand pounds- | | -thousand dollars- | | |
| 1975 | 7,078 | 1,050 | 6,028 | 450 | 5,716 | 34,868 | 35,816 | 3,905 | 166 | 4,071 |
| 1976 | 6,800 | 970 | 5,830 | 400 | 5,350 | 34,240 | 35,690 | 4,965 | 191 | 5,156 |
| 1977 | 7,100 | 1,020 | 6,080 | 390 | 5,090 | 32,067 | 35,217 | 4,810 | 193 | 5,003 |
| 1978 | 6,500 | 990 | 5,510 | 380 | 4,830 | 34,293 | 36,465 | 4,972 | 182 | 5,154 |
| **1979** | **6,580** | **1,150** | **5,430** | **360** | **5,350** | **37,985** | **39,503** | **6,078** | **190** | **6,268** |

1/ Estimates cover the period December 1 previous year through November 30.

## EGGS: PRODUCTION, DISPOSITION AND INCOME, MISSOURI, 1975-79 1/

| Year | Production and Disposition | | | Income | | | |
|---|---|---|---|---|---|---|---|
| | Eggs Produced | Consumed on Farms | Eggs Sold | Price Per Dozen | Cash Receipts | Value of Home Consumption | Gross Income |
| | -millions- | | | -cents- | -thousand dollars- | | |
| 1975 | 1,241 | 24 | 1,217 | 47.5 | 48,173 | 950 | 49,123 |
| 1976 | 1,193 | 22 | 1,171 | 55.1 | 53,768 | 1,010 | 54,778 |
| 1977 | 1,199 | 19 | 1,180 | 50.1 | 49,265 | 793 | 50,058 |
| 1978 | 1,320 | 19 | 1,301 | 46.1 | 49,980 | 730 | 50,710 |
| **1979** | **1,376** | **17** | **1,359** | **54.0** | **61,155** | **765** | **61,920** |

1/ Estimates cover the period December 1 previous year through November 30.

## LAYERS ON FARMS: AVERAGE NUMBER MONTHLY, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -thousands- | | | | | | |
| 1975 | 5,685 | 5,710 | 5,525 | 5,270 | 5,100 | 5,000 | 4,925 | 4,875 | 4,900 | 4,950 | 5,050 | 5,025 |
| 1976 | 4,975 | 5,025 | 5,000 | 4,900 | 4,875 | 4,850 | 4,825 | 4,925 | 5,050 | 5,100 | 5,125 | 5,175 |
| 1977 | 5,095 | 4,940 | 4,940 | 4,940 | 4,695 | 4,455 | 4,585 | 4,805 | 4,995 | 5,245 | 5,425 | 5,365 |
| 1978 | 5,335 | 5,395 | 5,375 | 5,500 | 5,515 | 5,405 | 5,055 | 4,870 | 5,185 | 5,440 | 5,610 | 5,685 |
| **1979** | **5,560** | **5,500** | **5,600** | **5,560** | **5,435** | **5,500** | **5,725** | **5,850** | **5,825** | **5,900** | **6,075** | **6,085** |

## EGG PRODUCTION: EGGS PER 100 LAYERS, BY MONTHS, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -number of eggs- | | | | | | |
| 1975 | 2,015 | 1,862 | 2,062 | 1,935 | 2,015 | 1,950 | 1,984 | 2,031 | 1,995 | 2,046 | 1,965 | 1,962 |
| 1976 | 1,984 | 1,885 | 2,062 | 2,025 | 2,093 | 1,980 | 2,031 | 2,046 | 1,965 | 2,015 | 1,935 | 2,000 |
| 1977 | 2,000 | 1,848 | 2,124 | 2,052 | 2,120 | 2,070 | 2,068 | 2,027 | 1,980 | 2,058 | 1,935 | 2,034 |
| 1978 | 2,102 | 1,890 | 2,179 | 2,103 | 2,170 | 2,034 | 2,049 | 2,111 | 1,998 | 2,037 | 1,992 | 2,034 |
| **1979** | **2,031** | **1,820** | **2,043** | **2,013** | **2,108** | **2,055** | **2,040** | **2,009** | **1,965** | **2,040** | **2,034** | **2,153** |

## EGG PRODUCTION: NUMBER OF EGGS PRODUCED, BY MONTHS, MISSOURI, 1975-79

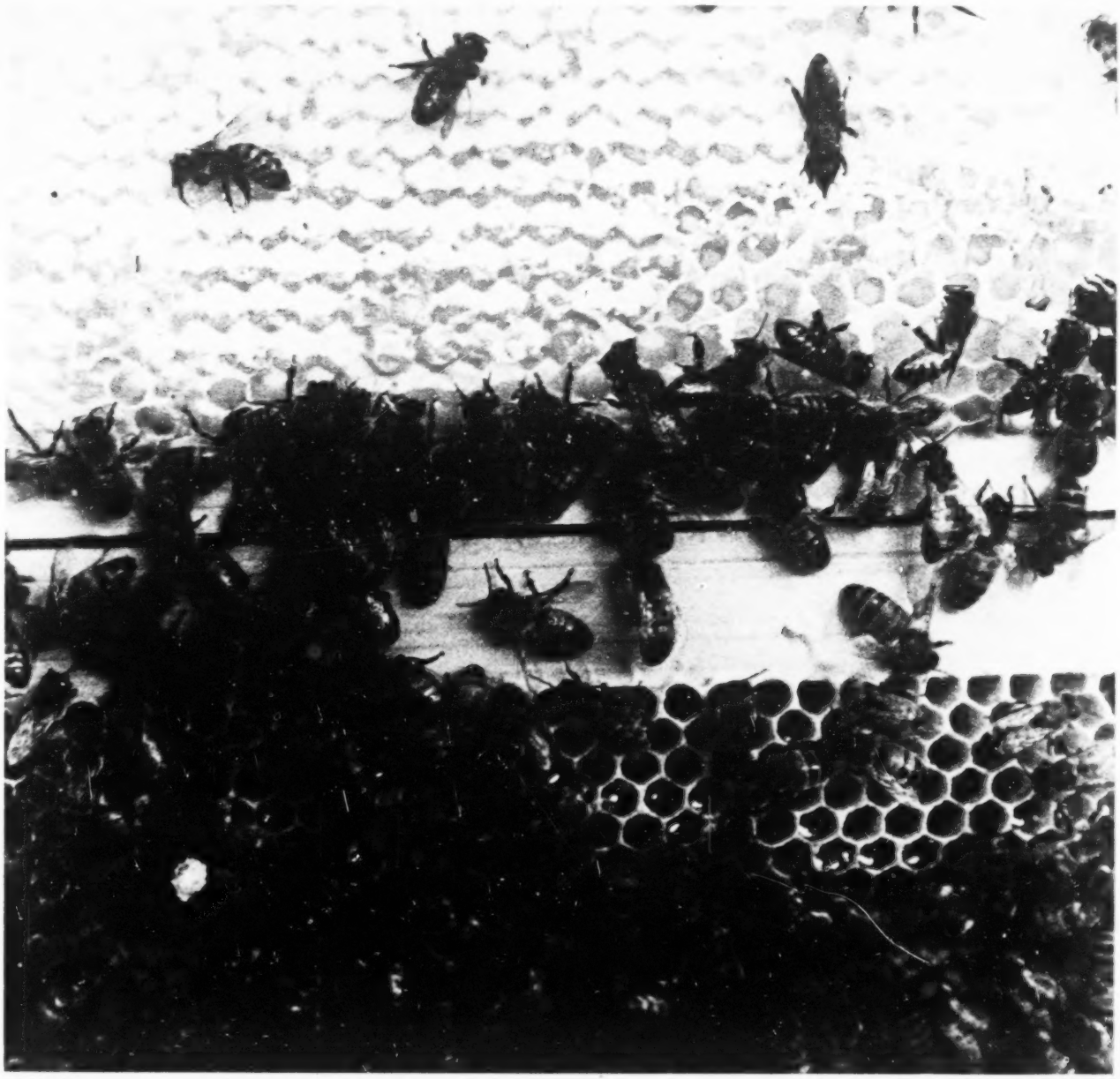
| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -million eggs- | | | | | | | |
| 1975 | 115 | 106 | 114 | 102 | 103 | 98 | 98 | 99 | 98 | 101 | 99 | 99 | 1,232 |
| 1976 | 99 | 95 | 103 | 99 | 102 | 96 | 98 | 101 | 99 | 103 | 99 | 104 | 1,198 |
| 1977 | 102 | 91 | 105 | 101 | 100 | 92 | 95 | 97 | 99 | 108 | 105 | 109 | 1,204 |
| 1978 | 112 | 102 | 117 | 116 | 120 | 110 | 104 | 103 | 104 | 111 | 112 | 116 | 1,327 |
| **1979** | **113** | **100** | **114** | **112** | **115** | **113** | **117** | **118** | **114** | **120** | **124** | **131** | **1,391** |

## EGG TYPE CHICKS: NUMBER HATCHED BY COMMERCIAL HATCHERIES, BY MONTHS, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -thousands- | | | | | | | |
| 1975 | 1,021 | 1,205 | 2,035 | 2,351 | 2,338 | 1,763 | 1,320 | 1,461 | 1,321 | 929 | 1,088 | 851 | 17,683 |
| 1976 | 1,051 | 1,366 | 2,139 | 2,414 | 2,436 | 1,966 | 1,467 | 1,186 | 1,210 | 1,216 | 1,101 | 901 | 18,453 |
| 1977 | 958 | 1,199 | 2,209 | 2,528 | 2,475 | 1,807 | 1,247 | 1,138 | 1,081 | 1,129 | 918 | 757 | 17,446 |
| 1978 | 976 | 1,243 | 1,777 | 2,097 | 2,224 | 1,897 | 1,302 | 1,304 | 981 | 1,202 | 1,348 | 954 | 17,305 |
| **1979** | **1,175** | **1,241** | **2,002** | **2,439** | **2,413** | **1,798** | **1,647** | **1,319** | **1,106** | **1,209** | **1,164** | **922** | **18,435** |

## HONEY AND BEESWAX: NUMBER OF COLONIES, PRODUCTION AND VALUE, MISSOURI, 1975-79

| Year | Bees | Honey | | | | Beeswax | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Colonies | Production Per Colony | Total Production | Avg. Price Per Pound | Value of Production | Total Production | Avg. Price Per Pound | Value of Production |
| | -thousands- | -pounds- | -thousand pounds- | -cents- | -thousand dollars- | -thousand pounds- | -dollars- | -thousand dollars- |
| 1975 | 105 | 62 | 6,510 | 77.5 | 5,045 | 65 | .94 | 61 |
| 1976 | 110 | 50 | 5,500 | 59.9 | 3,295 | 33 | 1.05 | 35 |
| 1977 | 116 | 48 | 5,568 | 64.0 | 3,564 | 139 | 1.55 | 215 |
| 1978 | 112 | 56 | 6,272 | 74.9 | 4,698 | 146 | 1.60 | 234 |
| 1979 | 124 | 64 | 7,936 | 90.9 | 7,210 | 63 | 1.50 | 95 |



# MISSOURI FARM INCOME SUMMARY, 1979

**CASH RECEIPTS:** Missouri farm marketings brought in 4.2 billion dollars in cash receipts during 1979, a record high and an 18 percent increase from the previous year. Higher prices for all livestock and products except hogs, turkeys and broilers increased livestock returns 14 percent from 1978 to 2.4 billion dollars. Crop receipts also increased during the year, to 1.8 billion dollars, due to higher prices and generally higher production levels. Except for soybeans, most crop prices were highest in the second half of the year.

**LIVESTOCK:** Beef cattle prices ranged from $29.40 above year earlier levels in March to $9.00 higher in December. The average price for beef cattle for 1979 was $66.60 per cwt., $18.30 above the previous year's average. Milk cow prices rose steadily throughout the year, starting at $825 per head in January and ending at a record $1,110 in December. Unlike other livestock, hog prices were generally lower than in 1978, peaking at $51.70 per cwt. in February and averaging $40.90 per cwt. for the December 1978-November 1979 marketing year. Lamb prices remained strong throughout 1979, peaking at $73.50 in January. The year's average price for lambs was $64.80 per cwt., $4.90 above 1978. Milk prices ranged from $11.00 per cwt. in May and June to $12.60 in both November and December 1979.

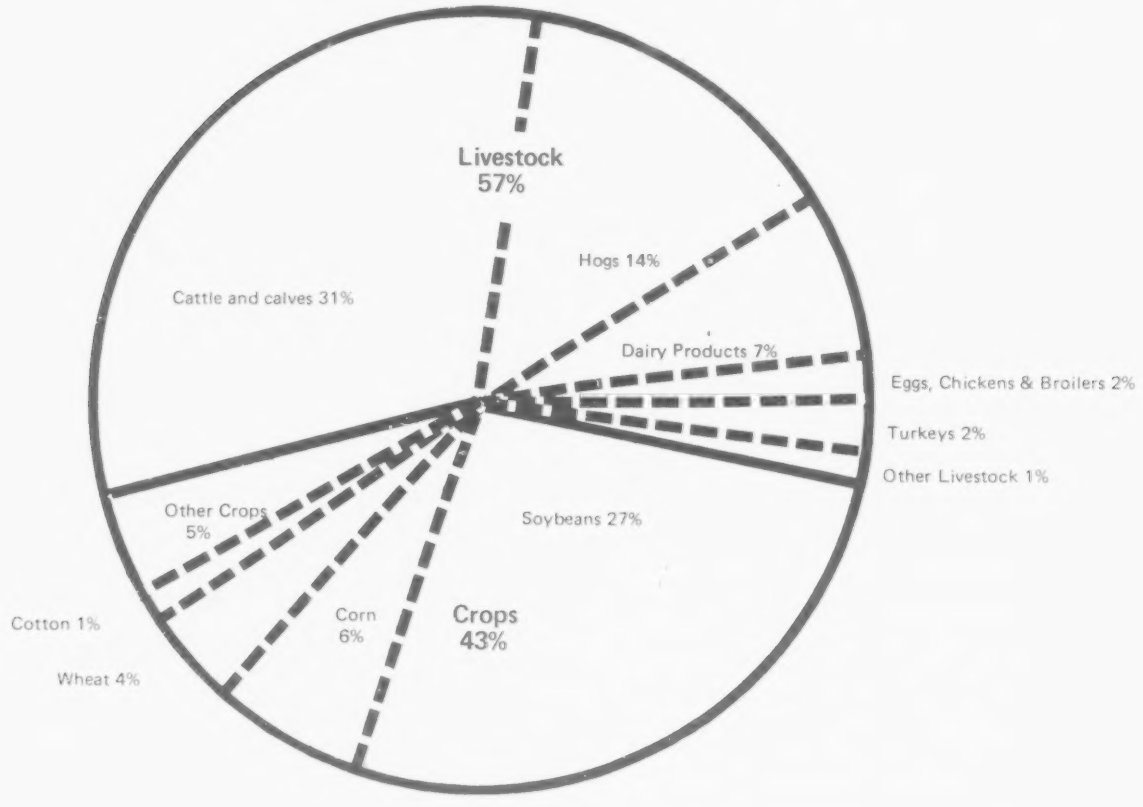
**CROPS:** Season average prices for all crops except soybeans were above year earlier levels for the 1979 marketing year, and monthly prices for these crops were consistently higher throughout the period. The estimated corn price average for the 1979 crop year (September 1979-August 1980) is $2.35 per bushel, 9 cents above a year earlier. During the 1978 crop year, corn ranged from a low of $1.97 in October 1978 to $2.81 in July 1979. Monthly soybean prices for the 1978 crop year (September 1978-August 1979) ranged from $6.10 per bushel in September 1978 to $7.33 in June 1979. The estimated 1979 season average price (September 1979-August 1980), at $6.10 per bushel, is 59 cents below the previous marketing year's price. Wheat is expected to average $3.80 per bushel during the 1979 crop year (June 1979-May 1980) compared with $2.94 for the 1978 crop. Monthly prices for the 1978 crop year ranged from a low of $2.72 per bushel in June 1978 to a high of $3.50 in April 1979. This was the highest price for Missouri wheat since October 1975. The estimated grain sorghum average price is $3.89 per cwt. for the 1979 marketing year (September 1979 to August 1980), 52 cents above the previous crop year. During the 1978 marketing year, prices in July 1979 at $4.24 per cwt., were the highest,

while September 1978 returns, at $2.94, were the lowest. Average hay prices for the May 1979 to April 1980 crop year are estimated at $49.00 per ton, $3.50 above a year earlier. 1979 season average prices for all seeds except lespedeza recovered from low 1978 prices and most came close to or equaled 1977 levels.

**POULTRY:** Egg prices for the 1979 marketing year (December 1978-November 1979) increased from the previous year to 54 cents per dozen, ranging from 47.3 cents in August 1979 to 56.3 cents in December 1978. Broilers averaged 26 cents per pound for the 1979 marketing year, compared with 26.7 cents a year earlier. Turkey prices were mixed during 1979, averaging 42 cents per pound.

**PRODUCTION EXPENSES:** Farm production expenses continued the upward trend in 1978, reaching a total of 2.97 billion dollars. This was 10 percent above 1977. The largest increase was the cost of hired labor, up 45 percent. Other expense items showing increases were interest on farm mortgage debt, up 23 percent; livestock, up 17 percent; net rent to non-farm landlords, up 16 percent, depreciation and consumption of farm capital, up 12 percent; miscellaneous expenses up 11 percent; repairs and operations of capital items and seed, both up 8 percent; taxes, up 7 percent; and feed, up 5 percent. The only decline in expenses in 1978 was for fertilizer and lime, down 13 percent.

## MISSOURI CASH FARM RECEIPTS BY COMMODITIES, 1979




## CASH RECEIPTS: FARM RECEIPTS FROM SALES OF SPECIFIED CROPS AND LIVESTOCK, MISSOURI, 1975-79

| Commodity | Cash Receipts | | | | |
|---|---|---|---|---|---|
| | 1975 | 1976 | 1977 | 1978 | 1979 1/ |
| | -thousand dollars- | | | | |
| Cattle and calves | 647,318 | 712,926 | 736,781 | 1,080,328 | **1,331,360** |
| Soybeans | 533,415 | 588,056 | 654,241 | 961,412 | **1,120,184** |
| Hogs | 537,123 | 436,206 | 508,606 | 577,874 | **582,986** |
| Dairy Products | 227,203 | 266,595 | 267,209 | 277,721 | **296,854** |
| Corn | 206,103 | 201,642 | 191,243 | 162,142 | **253,905** |
| Wheat | 132,746 | 148,789 | 143,002 | 85,631 | **183,560** |
| Turkeys | 52,365 | 54,149 | 59,241 | 79,250 | **83,580** |
| Eggs | 48,372 | 53,845 | 47,842 | 50,748 | **59,715** |
| Cotton | 57,348 | 58,485 | 61,124 | 55,831 | **44,977** |
| Chickens and broilers | 27,331 | 28,282 | 26,372 | 28,053 | **32,518** |
| Miscellaneous | 166,700 | 163,633 | 215,999 | 216,712 | **233,850** |
| Total | 2,636,024 | 2,712,608 | 2,911,660 | 3,575,702 | **4,223,489** |

1/ Preliminary

## FARM INCOME: TOTAL GROSS AND NET INCOME FROM FARMING, MISSOURI, 1975-79

| Item | 1975 | 1976 | 1977 | 1978 | 1979 1/ |
|---|---|---|---|---|---|
| | | | -million dollars- | | |
| Cash receipts from farm marketings | 2,636.0 | 2,712.6 | 2,911.7 | 3,575.7 | 4,223.5 |
| Government payments to farmers | 40.0 | 30.9 | 51.2 | 72.3 | |
| Non-money income | 254.5 | 273.2 | 300.0 | 343.4 | |
| Other farm income | 48.5 | 53.3 | 61.4 | 66.9 | |
| Realized gross farm income | 2,979.0 | 3,070.0 | 3,324.2 | 4,058.3 | |
| Farm production expenses | 2,373.8 | 2,581.6 | 2,708.3 | 2,965.8 | |
| Realized net farm income | 605.2 | 488.4 | 615.9 | 1,092.5 | |
| Net change in farm inventories | -.8 | -135.9 | 188.1 | -110.8 | |
| Total net farm income | 604.3 | 352.5 | 804.0 | 981.7 | |

1/ Other data not available at time of publication.

## FARM PRODUCTION EXPENSES: TOTAL FARM PRODUCTION EXPENSES, MISSOURI, 1974-78

| Item | 1974 | 1975 | 1976 | 1977 | 1978 |
|---|---|---|---|---|---|
| | | | -million dollars- | | |
| Current farm operating expenses: | | | | | |
| Feed | 528.8 | 452.6 | 498.1 | 479.9 | 505.4 |
| Livestock | 37.6 | 25.7 | 26.4 | 30.8 | 36.0 |
| Seed | 73.9 | 72.8 | 78.3 | 97.9 | 105.6 |
| Fertilizer and lime | 209.2 | 219.1 | 235.7 | 222.0 | 193.1 |
| Repairs and operation capitol item | 251.7 | 289.9 | 341.8 | 384.2 | 413.5 |
| Miscellaneous | 327.1 | 373.9 | 395.5 | 425.0 | 470.7 |
| Hired labor | 98.7 | 95.5 | 102.4 | 85.1 | 123.8 |
| Total current expenses | 1,527.1 | 1,529.5 | 1,678.2 | 1,724.9 | 1,848.0 |
| Depreciation and consumption of farm capital | 411.6 | 469.1 | 520.6 | 573.9 | 642.3 |
| Taxes on farm property | 89.2 | 93.3 | 101.5 | 113.3 | 121.3 |
| Interest on farm mortgage debt | 111.0 | 120.1 | 136.7 | 157.2 | 193.0 |
| Net rent to non-farm landlords | 186.9 | 161.8 | 144.6 | 139.1 | 161.2 |
| Total production expenses | 2,325.8 | 2,373.8 | 2,581.6 | 2,708.3 | 2,965.8 |

## PRICES RECEIVED: SEASON AVERAGE PRICES RECEIVED BY FARMERS FOR PRINCIPAL COMMODITIES, MISSOURI, 1975 - 79

| Commodity | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|
| | | | -dollars- | | |
| Calves, cwt. | 26.90 | 33.80 | 36.90 | 57.20 | **84.30** |
| Beef Cattle, cwt. | 31.10 | 33.30 | 33.50 | 48.30 | **66.60** |
| Hogs, cwt. | 46.60 | 44.20 | 39.70 | 46.80 | **40.90** |
| Milk Wholesale, All | 8.20 | 9.35 | 9.30 | 10.20 | -- |
| Eggs, doz. | .475 | .551 | .501 | .461 | **.540** |
| Turkeys, lb. | .341 | .290 | .327 | .435 | **.420** |
| Broilers, lb. | .261 | .236 | .227 | .267 | **.260** |
| Soybeans, bu. | 4.84 | 6.65 | 5.74 | 6.69 | **6.10** |
| Corn, bu. | 2.59 | 2.27 | 2.05 | 2.26 | **2.35** |
| Wheat, bu. | 3.06 | 2.94 | 2.06 | 2.94 | **3.80** |
| Sorghum, cwt. | 4.02 | 3.34 | 2.93 | 3.37 | **3.89** |
| All Hay, ton | 45.00 | 51.50 | 49.50 | 45.50 | **49.00** |
| Cotton, lb. | .508 | .592 | .534 | .606 | **.617** |
| Oats, bu. | 1.61 | 1.65 | 1.14 | 1.29 | **1.50** |
| Tobacco, lb. | .98 | 1.06 | 1.15 | 1.27 | **1.44** |
| Tall Fescue Seed, cwt. | 13.00 | 19.00 | 21.50 | 10.50 | **21.50** |
| Orchardgrass Seed, cwt. | 20.50 | 24.50 | 25.00 | 29.50 | **39.50** |
| Red Clover Seed, cwt. | 49.00 | 58.50 | 61.00 | 58.00 | **60.00** |
| Timothy Seed, cwt. | 10.50 | 24.00 | 42.00 | 33.00 | **36.00** |
| Lespedeza Seed, cwt. | 22.00 | 28.50 | 42.00 | 28.00 | **19.50** |

## PRICES RECEIVED: MID-MONTH PRICES RECEIVED BY FARMERS FOR SPECIFIED COMMODITIES BY MONTHS, MISSOURI, 1975-79

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Hogs (dollars per cwt.)- | | | | | | |
| 1975 | 38.60 | 39.00 | 38.80 | 39.30 | 45.50 | 48.00 | 54.80 | 57.00 | 59.20 | 57.80 | 49.20 | 47.70 |
| 1976 | 48.30 | 48.30 | 45.80 | 47.60 | 48.00 | 49.80 | 48.40 | 43.30 | 41.00 | 33.20 | 31.30 | 36.70 |
| 1977 | 38.60 | 39.50 | 37.40 | 36.30 | 41.30 | 42.30 | 45.10 | 43.40 | 40.10 | 39.90 | 37.80 | 41.90 |
| 1978 | 44.40 | 48.00 | 46.90 | 45.00 | 47.60 | 48.30 | 45.00 | 47.90 | 48.10 | 50.90 | 48.50 | 47.20 |
| **1979** | **49.50** | **51.70** | **47.90** | **43.20** | **42.80** | **38.40** | **37.00** | **36.00** | **36.50** | **33.20** | **34.20** | **37.80** |
| | | | | | | -Beef Cattle (dollars per cwt.)- | | | | | | |
| 1975 | 25.80 | 25.70 | 26.60 | 28.80 | 33.10 | 34.40 | 33.50 | 31.40 | 31.70 | 33.30 | 31.70 | 32.40 |
| 1976 | 32.60 | 33.40 | 33.80 | 35.50 | 37.20 | 36.50 | 34.20 | 33.00 | 32.20 | 31.80 | 30.60 | 30.50 |
| 1977 | 30.60 | 30.50 | 32.00 | 33.70 | 34.90 | 32.10 | 32.90 | 34.90 | 33.30 | 35.00 | 33.10 | 35.30 |
| 1978 | 35.90 | 38.40 | 41.60 | 46.20 | 48.90 | 51.30 | 49.50 | 51.10 | 52.70 | 55.50 | 51.50 | 54.80 |
| **1979** | **60.90** | **64.00** | **71.00** | **72.40** | **70.90** | **65.20** | **62.30** | **61.80** | **69.60** | **67.60** | **66.70** | **63.80** |
| | | | | | | -Steers and Heifers (dollars per cwt.)- | | | | | | |
| 1975 | 28.00 | 27.50 | 28.40 | 30.60 | 35.00 | 36.20 | 35.20 | 33.40 | 33.80 | 35.80 | 33.90 | 34.70 |
| 1976 | 34.50 | 35.10 | 35.10 | 36.90 | 38.50 | 38.00 | 35.60 | 34.50 | 33.90 | 33.50 | 33.40 | 33.40 |
| 1977 | 33.00 | 33.70 | 34.80 | 36.00 | 37.80 | 35.40 | 36.00 | 37.00 | 36.30 | 37.00 | 36.80 | 37.70 |
| 1978 | 38.60 | 41.30 | 45.00 | 48.60 | 52.90 | 54.70 | 53.70 | 53.60 | 55.40 | 58.40 | 56.80 | 60.10 |
| **1979** | **64.70** | **67.70** | **76.00** | **78.30** | **75.60** | **69.80** | **67.30** | **64.40** | **73.20** | **71.50** | **71.20** | **67.90** |

## PRICES RECEIVED: MID-MONTH PRICES RECEIVED BY FARMERS FOR SPECIFIED COMMODITIES, BY MONTHS, MISSOURI, 1975-79 (CONT.)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Milk Cows (dollars per head)- | | | | | | |
| 1975 | 310 | 300 | 300 | 300 | 315 | 305 | 295 | 295 | 295 | 300 | 350 | 400 |
| 1976 | 370 | 395 | 385 | 385 | 400 | 395 | 385 | 350 | 320 | 350 | 355 | 340 |
| 1977 | 355 | 360 | 360 | 370 | 375 | 395 | 390 | 370 | 370 | 360 | 370 | 360 |
| 1978 | 380 | 410 | 450 | 500 | 550 | 580 | 610 | 640 | 670 | 710 | 750 | 785 |
| **1979** | **825** | **875** | **895** | **975** | **1,000** | **1,020** | **1,020** | **1,020** | **1,040** | **1,070** | **1,100** | **1,110** |
| | | | | | | -Calves (dollars per 100 lbs.)- | | | | | | |
| 1975 | 21.00 | 22.80 | 24.00 | 26.30 | 29.10 | 29.90 | 27.30 | 26.30 | 25.90 | 25.50 | 26.50 | 29.70 |
| 1976 | 30.80 | 34.20 | 35.40 | 37.40 | 39.80 | 39.30 | 35.50 | 35.20 | 33.80 | 32.10 | 30.30 | 31.80 |
| 1977 | 32.60 | 34.70 | 36.40 | 38.20 | 38.50 | 35.30 | 35.80 | 37.00 | 38.90 | 37.40 | 36.40 | 37.10 |
| 1978 | 38.70 | 44.60 | 48.50 | 53.00 | 59.00 | 58.10 | 57.80 | 62.10 | 64.80 | 65.00 | 64.80 | 70.30 |
| **1979** | **74.50** | **83.80** | **89.90** | **92.30** | **89.90** | **83.30** | **84.70** | **83.90** | **85.90** | **78.40** | **82.20** | **80.40** |
| | | | | | | -Lambs ( dollars per cwt.)- | | | | | | |
| 1975 | 37.80 | 39.70 | 41.90 | 43.60 | 48.40 | 45.50 | 43.20 | 38.60 | 41.00 | 43.50 | 43.40 | 46.40 |
| 1976 | 47.90 | 45.20 | 49.80 | 54.80 | 63.30 | 50.20 | 46.00 | 39.20 | 39.10 | 40.20 | 39.30 | 43.40 |
| 1977 | 48.70 | 45.60 | 50.70 | 54.70 | 57.90 | 51.60 | 51.50 | 46.60 | 49.40 | 49.60 | 47.60 | 52.50 |
| 1978 | 55.90 | 60.10 | 68.10 | 60.80 | 71.30 | 58.20 | 54.80 | 53.70 | 61.30 | 59.50 | 56.80 | 58.60 |
| **1979** | **73.50** | **69.30** | **64.00** | **70.90** | **70.80** | **63.00** | **60.20** | **59.60** | **65.00** | **61.30** | **60.90** | **62.60** |
| | | | | | | -Sheep (dollars per cwt.)- | | | | | | |
| 1975 | 6.40 | 7.50 | 8.50 | 9.50 | 9.50 | 9.50 | 8.90 | 8.40 | 9.00 | 8.30 | 8.10 | 8.60 |
| 1976 | 10.60 | 11.00 | 12.00 | 15.00 | 12.40 | 11.60 | 12.10 | 10.80 | 11.60 | 10.30 | 9.30 | 10.00 |
| 1977 | 12.00 | 11.00 | 13.00 | 12.00 | 14.00 | 10.50 | 9.50 | 8.50 | 10.00 | 11.60 | 11.50 | 12.50 |
| 1978 | 14.00 | 14.00 | 15.00 | 15.50 | 14.80 | 14.80 | 15.50 | 15.50 | 19.00 | 19.00 | 19.00 | 19.00 |
| **1979** | **22.50** | **24.00** | **24.00** | **26.00** | **25.00** | **24.00** | **23.00** | **23.00** | **24.00** | **24.30** | **24.10** | **26.70** |
| | | | | | | -Turkeys (cents per pound)- | | | | | | |
| 1975 | 30.0 | 29.0 | 27.0 | 26.0 | 29.0 | 30.0 | 34.0 | 35.0 | 36.0 | 37.0 | 37.0 | 33.0 |
| 1976 | 33.0 | 28.0 | 31.0 | 29.0 | 30.0 | 28.0 | 29.0 | 29.0 | 29.0 | 28.0 | 28.0 | 31.0 |
| 1977 | 29.0 | 29.0 | 30.0 | 32.0 | 31.0 | 31.0 | 31.0 | 31.0 | 33.0 | 35.0 | 37.0 | 35.0 |
| 1978 | 39.0 | 36.0 | 38.0 | 36.0 | 38.0 | 40.0 | 43.0 | 44.0 | 44.0 | 46.0 | 48.0 | 52.0 |
| **1979** | **50.0** | **45.0** | **43.0** | **44.0** | **41.0** | **39.0** | **41.0** | **39.0** | **38.0** | **42.0** | **49.0** | **48.0** |
| | | | | | | -Eggs (cents per dozen)- | | | | | | |
| 1975 | 52.8 | 51.0 | 51.6 | 44.9 | 40.1 | 38.0 | 39.1 | 43.0 | 44.5 | 48.9 | 55.9 | 63.6 |
| 1976 | 61.1 | 60.2 | 53.3 | 46.7 | 47.8 | 47.8 | 50.1 | 53.5 | 54.7 | 56.3 | 61.8 | 66.4 |
| 1977 | 61.9 | 63.3 | 57.0 | 49.7 | 41.6 | 39.7 | 45.6 | 44.8 | 46.9 | 41.0 | 42.9 | 46.6 |
| 1978 | 43.8 | 50.2 | 51.5 | 44.4 | 38.2 | 36.7 | 43.4 | 49.8 | 51.4 | 47.1 | 51.1 | 56.3 |
| **1979** | **56.0** | **54.0** | **57.2** | **56.1** | **55.5** | **50.7** | **52.3** | **47.3** | **54.5** | **53.0** | **54.1** | **62.4** |
| | | | | | | -Milk, Wholesale, All (dollars per cwt.)- | | | | | | |
| 1975 | 7.85 | 7.75 | 7.60 | 7.40 | 7.25 | 7.30 | 7.55 | 7.85 | 8.45 | 9.05 | 9.55 | 9.95 |
| 1976 | 10.00 | 9.80 | 9.30 | 9.20 | 8.65 | 8.65 | 8.80 | 9.05 | 9.20 | 9.65 | 9.90 | 9.65 |
| 1977 | 9.50 | 9.20 | 9.00 | 8.85 | 8.85 | 9.00 | 9.05 | 9.20 | 9.70 | 9.80 | 10.00 | 10.00 |
| 1978 | 10.00 | 10.10 | 9.90 | 9.70 | 9.60 | 9.65 | 9.70 | 9.95 | 10.30 | 11.00 | 11.50 | 11.70 |
| **1979** | **11.80** | **11.80** | **11.50** | **11.20** | **11.00** | **11.00** | **11.20** | **11.50** | **11.80** | **12.30** | **12.60** | **12.60** |

## PRICES RECEIVED: MID-MONTH PRICES RECEIVED BY FARMERS FOR SPECIFIED COMMODITIES, BY MONTHS, MISSOURI, 1975-79 (CONT.)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | -Wool (cents per pound)- | | | | | | |
| 1975 | 31.0 | 25.0 | 24.0 | 26.0 | 28.0 | 30.0 | 31.0 | 27.0 | 28.0 | 27.0 | 31.0 | 36.0 |
| 1976 | 38.0 | 38.0 | 40.0 | 49.0 | 54.0 | 55.0 | 53.0 | 57.0 | 56.0 | 55.0 | 55.0 | 57.0 |
| 1977 | 64.0 | 70.0 | 71.0 | 71.0 | 66.0 | 66.0 | 65.0 | 63.0 | 67.0 | 67.0 | 70.0 | 64.0 |
| 1978 | 70.0 | 72.0 | 69.0 | 68.0 | 69.0 | 70.0 | 71.0 | 68.0 | 69.0 | 71.0 | 71.0 | 67.0 |
| **1979** | **74.0** | **75.0** | **75.0** | **76.0** | **77.0** | **74.0** | **71.0** | **71.0** | **72.0** | **73.0** | **76.0** | **76.0** |
| | | | | | | -Corn (dollars per bushel)- | | | | | | |
| 1975 | 3.05 | 2.87 | 2.70 | 2.71 | 2.69 | 2.73 | 2.77 | 3.02 | 2.73 | 2.59 | 2.38 | 2.41 |
| 1976 | 2.47 | 2.50 | 2.53 | 2.51 | 2.62 | 2.78 | 2.89 | 2.73 | 2.63 | 2.38 | 2.08 | 2.28 |
| 1977 | 2.37 | 2.41 | 2.48 | 2.45 | 2.40 | 2.28 | 1.84 | 1.65 | 1.61 | 1.69 | 1.98 | 2.03 |
| 1978 | 2.04 | 2.12 | 2.27 | 2.39 | 2.46 | 2.41 | 2.35 | 2.06 | 1.98 | 1.97 | 2.11 | 2.10 |
| **1979** | **2.15** | **2.27** | **2.31** | **2.32** | **2.44** | **2.59** | **2.81** | **2.54** | **2.54** | **2.32** | **2.30** | **2.43** |
| | | | | | | -Soybeans (dollars per bushel)- | | | | | | |
| 1975 | 6.14 | 5.70 | 5.33 | 5.62 | 5.01 | 4.87 | 5.27 | 5.75 | 5.31 | 4.89 | 4.43 | 4.23 |
| 1976 | 4.45 | 4.48 | 4.43 | 4.54 | 4.86 | 6.01 | 6.70 | 6.07 | 6.56 | 5.87 | 6.12 | 6.60 |
| 1977 | 6.74 | 7.06 | 8.14 | 9.35 | 9.13 | 7.85 | 6.61 | 5.26 | 5.15 | 4.96 | 5.50 | 5.62 |
| 1978 | 5.57 | 5.49 | 6.25 | 6.66 | 6.88 | 6.85 | 6.52 | 6.21 | 6.10 | 6.24 | 6.42 | 6.52 |
| **1979** | **6.58** | **7.00** | **7.14** | **6.82** | **7.08** | **7.33** | **7.30** | **7.15** | **6.75** | **6.23** | **6.08** | **6.20** |
| | | | | | | -Cotton Lint (cents per pound)- | | | | | | |
| 1975 | 40.0 | 35.0 | 35.0 | 37.0 | 40.0 | 39.0 | 39.0 | 42.0 | 41.5 | 50.0 | 49.5 | 51.0 |
| 1976 | 52.5 | 53.5 | 55.0 | 55.0 | 54.5 | 69.0 | 78.0 | -- | -- | 55.0 | 57.7 | 59.0 |
| 1977 | 62.0 | 67.0 | 69.0 | 68.0 | -- | -- | -- | -- | 60.9 | 53.9 | 51.4 | 45.8 |
| 1978 | 47.8 | 49.9 | 48.2 | 49.9 | 53.8 | 53.5 | 53.3 | 57.7 | 59.5 | 60.6 | 60.4 | 61.4 |
| **1979** | **60.4** | **61.2** | **62.0** | **59.2** | **60.7** | **64.3** | -- | -- | **62.9** | **61.3** | **62.0** | **63.6** |
| | | | | | | -Winter Wheat (dollars per bushel)- | | | | | | |
| 1975 | 3.74 | 3.64 | 3.25 | 3.23 | 2.93 | 2.72 | 3.22 | 3.56 | 3.56 | 3.53 | 3.15 | 3.00 |
| 1976 | 3.18 | 3.43 | 3.35 | 3.15 | 3.03 | 3.18 | 3.12 | 2.78 | 2.66 | 2.42 | 2.21 | 2.35 |
| 1977 | 2.39 | 2.36 | 2.33 | 2.20 | 2.08 | 1.91 | 1.93 | 1.83 | 1.86 | 1.99 | 2.39 | 2.47 |
| 1978 | 2.48 | 2.49 | 2.65 | 2.90 | 2.91 | 2.72 | 2.90 | 2.98 | 2.98 | 3.15 | 3.17 | 3.25 |
| **1979** | **3.16** | **3.35** | **3.36** | **3.50** | **3.38** | **3.62** | **3.91** | **3.67** | **3.80** | **3.90** | **3.77** | **3.63** |
| | | | | | | -All Hay (dollars per ton)- | | | | | | |
| 1975 | 49.50 | 44.50 | 49.50 | 51.00 | 46.50 | 43.50 | 41.50 | 43.00 | 41.00 | 41.50 | 45.50 | 49.00 |
| 1976 | 53.00 | 47.50 | 46.00 | 46.50 | 41.50 | 42.50 | 43.50 | 42.00 | 41.50 | 45.00 | 49.00 | 56.00 |
| 1977 | 63.00 | 69.00 | 70.00 | 68.50 | 63.00 | 56.00 | 48.50 | 47.00 | 43.50 | 45.50 | 45.00 | 47.00 |
| 1978 | 47.50 | 49.50 | 49.00 | 48.00 | 49.00 | 43.00 | 42.50 | 43.00 | 42.00 | 44.00 | 49.00 | 49.50 |
| **1979** | **48.00** | **47.50** | **48.50** | **46.50** | **45.00** | **44.00** | **47.00** | **46.50** | **46.50** | **47.50** | **50.00** | **55.00** |
| | | | | | | -Sorghum Grain (dollars per Cwt.)- | | | | | | |
| 1975 | 4.49 | 4.14 | 3.94 | 4.05 | 4.02 | 4.00 | 4.18 | 4.51 | 4.03 | 4.07 | 3.79 | 3.83 |
| 1976 | 3.90 | 3.98 | 4.04 | 3.99 | 4.00 | 4.14 | 4.43 | 3.95 | 3.83 | 3.38 | 3.11 | 3.36 |
| 1977 | 3.53 | 3.58 | 3.69 | 3.64 | 3.31 | 3.22 | 2.85 | 2.45 | 2.49 | 2.48 | 2.96 | 2.91 |
| 1978 | 2.86 | 2.97 | 3.26 | 3.52 | 3.53 | 3.51 | 3.52 | 3.17 | 2.94 | 3.04 | 3.11 | 3.31 |
| **1979** | **3.29** | **3.53** | **3.57** | **3.57** | **3.41** | **3.86** | **4.24** | **4.16** | **3.80** | **3.70** | **3.51** | **3.94** |

## BALANCE SHEET OF MISSOURI'S FARMING SECTOR, JANUARY 1, 1974-78

| Item | 1974 | 1975 | 1976 | 1977 | 1978 |
|---|---|---|---|---|---|
| | | | -million dollars- | | |
| Physical assets: | | | | | |
| Real estate | 12,595 | 12,949 | 14,584 | 17,148 | 19,625 |
| Non-real estate: | | | | | |
| Livestock and poultry | 2,089 | 1,126 | 1,410 | 1,374 | 1,518 |
| Machinery and motor vehicles | 1,725 | 2,174 | 2,535 | 2,802 | 3,289 |
| Crops stored on and off farms | 868 | 868 | 695 | 683 | 862 |
| Household equipment and furnishings | 466 | 505 | 490 | 525 | 625 |
| Financial assests: | | | | | |
| Deposits and currency | 391 | 331 | 391 | 277 | 398 |
| U.S. savings bonds | 96 | 87 | 114 | 39 | 88 |
| Investments in cooperatives | 352 | 384 | 419 | 450 | 532 |
| Total assets | 18,582 | 18,424 | 20,638 | 23,298 | 26,937 |
| Liabilities: | | | | | |
| Real estate debt | 1,447 | 1,601 | 1,761 | 1,982 | 2,279 |
| Non-real estate debt: | | | | | |
| Excluding CCC loans | 1,099 | 1,204 | 1,320 | 1,529 | 1,726 |
| Commodity Credit Corporation loans | 31 | 11 | 8 | 15 | 151 |
| Total liabilities | 2,577 | 2,816 | 3,089 | 3,526 | 4,156 |
| Proprietors' equities | 16,005 | 15,608 | 17,549 | 19,772 | 22,781 |
| Total claims | 18,582 | 18,424 | 20,638 | 23,298 | 26,937 |
| Debt-to-asset ratio (percent) | 13.9 | 15.3 | 14.8 | 15.1 | 15.4 |

## FARMS: NUMBER OF FARMS, LAND IN FARMS, AND AVERAGE SIZE OF FARM, MISSOURI AND UNITED STATES, 1976-80

| Year | Missouri | | | United States | | |
|---|---|---|---|---|---|---|
| | No. of Farms | Land in Farms | Av. Size of Farm | No. of Farms | Land in Farms | Av. Size of Farm |
| | -thousand- | -thousand acres- | -acres- | -thousand- | -thousand acres- | -acres- |
| 1976 | 125 | 32,400 | 259 | 2,454 | 1,059,148 | 432 |
| 1977 | 122 | 32,300 | 265 | 2,409 | 1,054,798 | 438 |
| 1978 | 120 | 32,300 | 269 | 2,370 | 1,052,018 | 444 |
| 1979 | 118 | 32,300 | 274 | 2,333 | 1,049,063 | 450 |
| **1980** | **117** | **32,300** | **276** | **2,309** | **1,046,713** | **453** |

## REAL ESTATE VALUE AND TAXES: VALUE OF LAND AND BUILDINGS AND TAXES LEVIED ON FARM REAL ESTATE, MISSOURI, 1975-80

| Year | Value of Land and Buildings | | Taxes Levied on Farm Real Estate 1/ | | |
|---|---|---|---|---|---|
| | Total | Average Per Acre | Total | Average Per Acre | Average Taxes Per $100 of Full Value |
| | -million dollars- | -dollars- | -million dollars- | -dollars- | -dollars- |
| 1975 | 12,830 | 396 | 76.2 | 2.34 | .59 |
| 1976 | 14,450 | 446 | 83.5 | 2.56 | .57 |
| 1977 | 16,990 | 526 | 87.2 | 2.70 | .55 |
| 1978 | 19,445 | 602 | 2/ | 2/ | 2/ |
| 1979 | 21,770 | 674 | 2/ | 2/ | 2/ |
| **1980** | **26,357** | **816** | **2/** | **2/** | **2/** |

1/ Taxes levied in specified year relate to values for the following year.
2/ Not available at time of publication.

## CASH RENTS: ANNUAL GROSS CASH RENT PER ACRE FOR ALL FARMLAND, CROPLAND, AND PASTURES, MISSOURI, MARCH 1, 1975-79

| Item | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|
| | -dollars per acre- | | | | |
| Entire Farm | 27.90 | 31.00 | 36.30 | 40.00 | **44.30** |
| Cropland | 36.80 | 40.80 | 46.50 | 50.90 | **57.80** |
| Pasture | 17.50 | 18.40 | 21.40 | 21.90 | **22.60** |

## FARM REAL ESTATE DEBT: AMOUNT OUTSTANDING BY LENDER, MISSOURI, January 1, 1976-79

| Lender | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|
| | -thousand dollars- | | | |
| Federal Landbanks | 512,185 | 587,678 | 667,039 | **743,183** |
| Farmers Home Administration | 164,844 | 177,813 | 193,193 | **197,522** |
| Life Insurance Companies | 197,400 | 224,600 | 287,700 | **365,769** |
| All Operating Banks | 337,549 | 381,126 | 460,531 | **522,110** |
| Individuals and Others | 549,025 | 611,033 | 676,186 | **748,056** |
| Total Farm Real Estate Debt | 1,761,003 | 1,982,250 | 2,284,649 | **2,576,640** |

## FARM REAL ESTATE TRANSFERS, MISSOURI, MARCH 1 - FEBRUARY 28, 1974-79

| Year | Voluntary Sales | Estate Settlement | Foreclosure | All Others | Total |
|---|---|---|---|---|---|
| | -Number per 1000 farms- | | | | |
| 1974-75 1/ | 30.5 | 4.6 | .8 | 5.8 | 49.8 |
| 1975-76 | 26.3 | 2.5 | .4 | 3.2 | 32.5 |
| 1976-77 | 30.8 | 5.1 | .8 | 6.4 | 43.1 |
| 1977-78 | 30.6 | 3.8 | 2.5 | 6.5 | 43.3 |
| **1978-79** | **27.6** | **5.5** | **.8** | **3.2** | **37.1** |

1/ Year ending March 1.

## PRICES PAID: AVERAGE PRICES PAID BY FARMERS FOR SELECTED ITEMS, SPECIFIED DATES, MISSCURI, 1979

| Item | January 15 | April 15 | July 15 | October 15 |
|---|---|---|---|---|
| | | -dollars- | | |
| Diesel Fuel, per gallon | .49 | .59 | .72 | .84 |
| Gasoline, Service Sta., unleaded per gal. | .68 | .77 | .93 | .97 |
| Gasoline, Bulk Del., leaded per gal. | .63 | .71 | .85 | .93 |
| Chick Starter, per ton | 183.00 | 185.00 | 200.00 | 200.00 |
| Broiler Grower, per ton | 162.00 | 165.00 | 177.00 | 177.00 |
| Turkey Grower, per ton | 185.00 | 192.00 | 205.00 | 205.00 |
| Laying Feed, per ton | 153.00 | 160.00 | 167.00 | 172.00 |
| Dairy Feed, 16%, per ton | 147.00 | 144.00 | 159.00 | 168.00 |
| Bran, per cwt. | 7.40 | 7.70 | 7.60 | 8.00 |
| Middlings, per cwt | 7.30 | 7.30 | 7.80 | 8.10 |
| Cottonseed Meal, 41% per cwt | 11.50 | 11.50 | 12.00 | 12.00 |
| Soybean Meal, 44%, per cwt | 12.00 | 12.00 | 13.50 | 12.50 |
| Hog Feed, 14 - 18% cwt | 8.00 | 8.00 | 9.00 | 8.70 |
| Hog Concentrate, 38 - 42%, cwt | 13.00 | 13.50 | 14.50 | 14.00 |
| Beef Cattle Concentrate, 32 - 36%, cwt | 8.80 | 8.90 | 9.70 | 9.90 |
| Feeder Pigs, per cwt 1/ | 98.00 | 85.50 | 51.00 | 47.00 |

1/ Feeder pig prices are for the months of February, May, August and November.

## EXPORT VALUES OF AGRICULTURAL COMMODITIES, MISSOURI, 1975-79

| Commodity | 1975 | 1976 | 1977 | 1978 | 1979 |
|---|---|---|---|---|---|
| | | | -million dollars- | | |
| Wheat and Flour | 110.8 | 107.7 | 93.6 | 147.5 | **82.1** |
| Rice | 4.6 | 3.6 | 3.5 | 5.5 | **8.3** |
| Total Feed Grains and Feed Grain Products 1/ | 171.7 | 190.4 | 131.2 | 150.1 | **168.2** |
| Cotton, Including Linters | 21.0 | 21.7 | 24.0 | 27.9 | **33.1** |
| Soybeans and Soybean Products | 259.8 | 243.9 | 367.8 | 541.5 | **632.3** |
| Cottonseed Oil | 4.6 | 3.3 | 2.9 | 3.5 | **3.6** |
| Tobacco, Unmanufactured | 1.0 | 1.4 | 1.6 | 1.8 | **1.8** |
| Fruits and Preparations | .8 | 1.4 | 1.4 | 1.4 | **1.1** |
| Vegetables and Preparations | .2 | .2 | .1 | .1 | **.1** |
| Dairy Products | 1.2 | .8 | .7 | .8 | **1.0** |
| Meats and Products | 23.1 | 35.7 | 34.0 | 38.4 | **45.8** |
| Hides and Skins | 12.3 | 21.2 | 27.9 | 27.7 | **46.8** |
| Poultry Products | 2.4 | 5.0 | 5.2 | 5.6 | **6.2** |
| Lard and Tallow | 19.7 | 20.6 | 29.1 | 27.1 | **34.6** |
| Other | 51.1 | 57.1 | 54.9 | 71.4 | **77.8** |
| Total | 684.3 | 714.0 | 777.9 | 1,050.3 | **1,142.8** |

1/ Includes barley, corn, oats and grain sorghum and their products.

## FARM LABOR: NUMBER OF FAMILY AND HIRED WORKERS ON FARMS, QUARTERLY, MISSOURI, 1978-79

| | 1978 | | | | 1979 | | | |
|---|---|---|---|---|---|---|---|---|
| Type of Worker | Jan. 8-14 | Apr. 9-15 | July 9-15 | Oct. 8-14 | Jan. 7-13 | Apr. 8-14 | July 8-14 | Oct. 7-13 |
| | | | | -thousands- | | | | |
| Family | 117 | 137 | 144 | 120 | **110** | **136** | **153** | **126** |
| Hired | 14 | 24 | 40 | 28 | **21** | **18** | **35** | **20** |
| Total | 131 | 161 | 184 | 148 | **131** | **154** | **188** | **146** |

## FARM WAGE RATES, QUARTERLY: MISSOURI, 1978-79

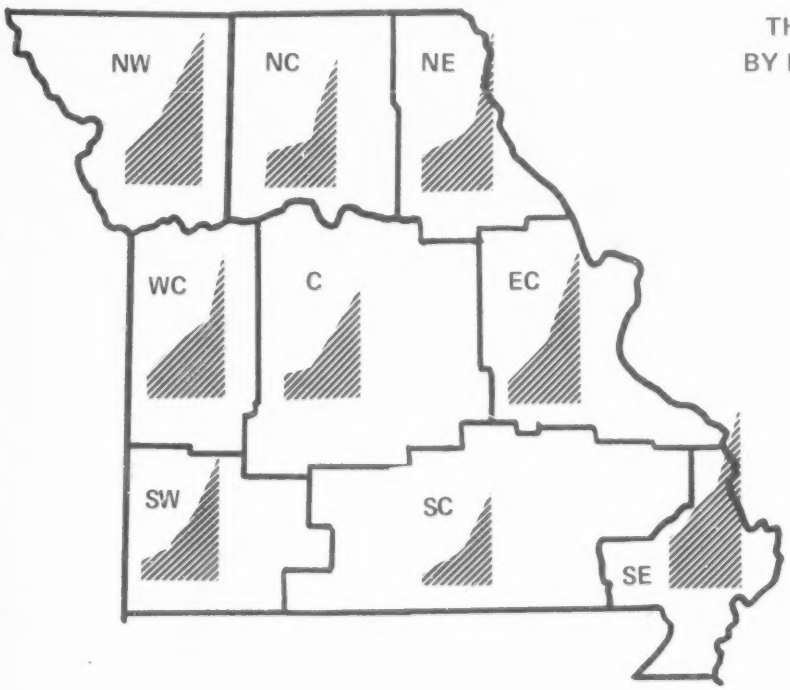
| Type of Worker | 1978 Jan. 8-14 | 1978 Apr. 9-15 | 1978 July 9-15 | 1978 Oct. 8-14 | 1979 Jan. 7-13 | 1979 Apr. 8-14 | 1979 July 8-14 | 1979 Oct. 7-13 |
|---|---|---|---|---|---|---|---|---|
| Method of Pay | -dollars per hour- | | | | | | | |
| All Hired Workers | 2.83 | 2.84 | 2.91 | 2.85 | 3.05 | 3.14 | 3.02 | 3.13 |
| By Hour Only | 2.84 | 2.85 | 3.00 | 2.83 | 2.90 | 3.08 | 2.90 | 3.10 |
| By Cash Wages Only | 3.10 | 3.20 | 3.06 | 2.81 | 3.25 | 3.35 | 3.07 | 3.26 |
| By Hour Receiving Cash Wages Only | 2.87 | 2.90 | 2.95 | 2.80 | 2.95 | 3.05 | 2.95 | 3.32 |
| Type of Work | | | | | | | | |
| Field Workers | 2.75 | 2.78 | 2.76 | 2.76 | 1/ | 3.10 | 2.70 | 2.92 |
| Livestock Workers | 2.60 | 2.63 | 2.60 | 2.60 | 2.85 | 2.95 | 3.15 | 3.05 |
| Machine Operators | 3.00 | 2.93 | 3.25 | 2.90 | 3.07 | 3.60 | 3.20 | 3.10 |

1/ Insufficient data for this category.

## FARM LABOR: HOURS WORKED PER WORKER, QUARTERLY, MISSOURI, 1978-79

| Type of Worker | 1978 Jan. 8-14 | 1978 Apr. 9-15 | 1978 July 9-15 | 1978 Oct. 8-14 | 1979 Jan. 7-13 | 1979 Apr. 8-14 | 1979 July 8-14 | 1979 Oct. 7-13 |
|---|---|---|---|---|---|---|---|---|
| | -hours per week- | | | | | | | |
| Farm Operator 1/ | 23.7 | 30.0 | 32.7 | 31.1 | 25.5 | 27.0 | 35.2 | 38.1 |
| Other Unpaid Family Members | 32.6 | 38.0 | 37.0 | 30.0 | 28.0 | 31.3 | 35.2 | 31.8 |
| All Family | 25.2 | 31.6 | 33.8 | 31.0 | 26.9 | 27.8 | 35.2 | 35.8 |
| Hired Workers | 30.0 | 31.4 | 31.0 | 34.0 | 30.0 | 34.7 | 32.2 | 44.1 |

1/ Includes Full-Time and Part-Time Farm Operators.




## THE RISE IN FARMLAND VALUES BY DISTRICT, IN MISSOURI, 1962-79

*Value of Missouri Farmland, with Improvements, by District, 1962 and 1979*

| *District* | *1962* | *1979* |
|---|---|---|
| | *-dollars per acre-* | |
| *NW* | *162* | *860* |
| *NC* | *167* | *731* |
| *NE* | *174* | *942* |
| *WC* | *166* | *886* |
| *C* | *139* | *690* |
| *EC* | *159* | *896* |
| *SW* | *135* | *720* |
| *SC* | *68* | *534* |
| *SE* | *235* | *1,024* |

## REQUEST FORM FOR OTHER REPORTS

To receive any of the reports listed below, please check the boxes and return the form to Missouri Crop and Livestock Reporting Service, P.O. Box L, Columbia, Missouri 65205.

024 ☐ Bi-weekly Crop and Livestock Reporter (contains livestock, dairy and poultry production, crop production, prices, farm labor information, special items of current interest). Published about the 14th and 28th of each month.

025 ☐ Missouri Census of Agriculture (a summary of data for Missouri counties from the 1978 U.S. Census of Agriculture, including land in farms, farm numbers and size, cropland, value of products sold, production expenses, and average value of land and buildings per acre).

022 ☐ Weekly Weather and Crop Report published each Monday, March through November, monthly during winter months.

023 ☐ Farm Facts, Annual (summary of crop and livestock statistics for Missouri, including county estimates of livestock and major crops). Published in May each year.

919 ☐ Farmline ( articles on current trends in agriculture and the latest in research). Published monthly in Washington, D.C.

## COUNTY AGRI-FACTS

☐ County Agri-facts for _____ (your county) . A four page summary including a short history of your county plus crop and livestock production, population, fertilizer use, farm expenses, etc. Some data series begin as early as 1850. Fifty-six counties are available now; remainder will be available by July 1, 1980. If you need crop and livestock data for all counties, check the Farm Facts above.

Name: _____

Address: _____

_____

City: _____

State: _____

Zip Code: _____

## WHY SHOULD I REPORT?

That question is probably asked by a farmer every time a survey form from the Missouri Crop and Livestock Reporting Service shows up in his mailbox. It's a good question; afterall, participation in surveys is purely voluntary. But the reason so many growers do take part is that they know their involvement is the basis for developing Missouri and national crop and livestock estimates.

Unbiased indications of acreages, yield, production, cattle on feed, hog breeding plans, dairy and poultry output, and other items go a long way toward helping producers make useful plans.

Crop and livestock estimates are working tools for farmers. They may decide to cut hog production or switch from corn to soybeans, or hold wheat off the market temporarily, or feed more or fewer cattle. These choices can be made freely, based on how agricultural estimates picture the total situation.

Crop and livestock information also aids farm organizations and legislators in planning programs.

Some farmers are concerned about how the estimates may influence farm prices. Yes, prices may rise or fall slightly after a report. But the true supply entering the market has the long-run impact on the price. Simply omitting official crop and livestock estimates is not going to change the facts.

One reason the program has worked...and worked well for over a century... is that so many recognize the value of the estimates. Some of our respondents have been participating in the surveys for over half of that century.

We guarantee that all answers provided by farmers on their questionnaires remain confidential and are used only to form State and national summaries. The personal information goes no further than the office of the Missouri Crop and Livestock Reporting Service.

Another point of pride with us is that the estimates are based solely on survey responses and our field visits and professional appraisal of the situation. There are no outside influences or considerations in developing the information we make public. Also, nobody gets a jump on the estimate--not buyers, not sellers, not USDA officials.

We're the first to admit that our estimates probably don't always go the way you'd like, but we do know and so do you that estimates that accurately reflect the true situation are the only kind that do anybody any good.

Accuracy in our estimates is tied tightly to the degree of response in surveys because each farmer contacted actually represents a large group of similar producers. Consequently, the better the response from farmers, the more details we have for reliable estimates.

Our estimates provide a reliable, unbiased picture of Missouri's agriculture. The facts on present and prospective supplies furnish a sound foundation for judgement and action by farmers, other businessmen, crop and livestock interests, government agencies, and all associated with agriculture.

BEST AVAILABLE COPY